

AUT

TE WĀNANGA ARONUI
O TĀMAKI MAKAU RAU

ART & \

U	E	X
V	n	&
Λ	o	Y
ó	o	

REASON

DESIGN & CREATIVE TECHNOLOGIES
RESEARCH REVIEW 2014



FROM THE DEAN

It is my pleasure to bring you this third edition of the magazine *τεχνη & λογός* profiling the research of the Faculty of Design and Creative Technologies during the year 2014. The Faculty co-locates the Schools of Art & Design, Computer and Mathematical Sciences, Communication Studies, and Engineering. Colab complements the Schools as a combined research and teaching hub which has an integrative, cross-cutting and Creative Technologies brief for the faculty. From the table of contents you can see this breadth of discipline areas covered and the Research Institutes associated with the Faculty.

The Faculty of Design and Creative Technologies aims to generate a distinctive fusion of creative disciplines through research, teaching and practice, to make a global and local impact on the communities and professions which we serve. The Faculty's contributions in ideation, performance, publication and innovation spanning disciplines of design, science, technology, communication and the arts are demonstrated through the research projects and the profiles of researchers presented here.

Auckland University of Technology has always had a strong focus on its role as an engaged university which actively contributes to society through the skills and expertise of its students and scholars. The increasing research intensity

of the Faculty brings an added dynamism to our teaching and learning. Through our research we seek to frame our world in new ways, to understand, theorize and generate. The combination of our disciplines leads us to constructive forms of research that makes – artefacts, technologies, performances, systems and processes. Our researchers impact upon practice to create futures that transform how we think and act in our social and professional lives. Our active exercise of the critic and conscience role of a University is demonstrated in some of the profiles presented here. We strive to produce graduates who are not only adaptable to the challenges of new futures, but have the courage and ability to take the lead in further shaping them.

In this edition we have introduced a 'Reflections' section in which our researchers have adopted a more contemplative tone. And after all, taking time out to think deeply, whether individually or on behalf of all of us, is a core function of a scholar. I hope you enjoy reading the magazine, and are as inspired as we are by the brilliance, variety, and sustained contribution demonstrated by the work of our researchers.

Desna Jury

Dean Faculty of Design and Creative Technologies
Auckland University of Technology

RESEARCH REVIEW

Faculty of Design and Creative Technologies

Volume II

An annual magazine of the Faculty of DCT at Auckland University of Technology

Online edition is available at
www.aut.ac.nz/dctresearch

ISSN 2382-0225 (print)

ISSN 2382-0233 (online)

Publication Date:

August 2015

Editors:



Tony Clear
Associate Dean Research
tony.clear@aut.ac.nz



Diana Kassabova
Research Specialist
diana.kassabova@aut.ac.nz

Design and Production:

Printsprint
AUT UNIVERSITY

CREATIVE PRINT & MEDIA SOLUTION
www.printsprint.co.nz

CONTENTS

Tribute for Graham Bidois	4
Staff Awards Gained in 2014	7
Reflections	9
Profiles from Discipline Areas within the Faculty	
Art & Design	15
Colab	23
Communication Studies	31
Computer and Mathematical Sciences	41
Engineering	45
Research Outputs	
Masters Degrees 2014	52
PhD Completions 2014	56
Staff Publications	
Art & Design	60
Colab	73
Communication Studies	78
Computer and Mathematical Sciences	
• School of Computer and Mathematical Sciences	
• Institute for Radio Astronomy and Space Research (IRASR)	
• Knowledge Engineering and Discovery Research Institute (KEDRI)	86
Engineering	
• School of Engineering	
• Institute of Biomedical Technologies (IBTec)	105

TRIBUTE FOR GRAHAM BIDOIS

Contributed by Associate Professor Tony Clear

The sad thing about editing an annual review across a faculty of some 250 researchers is that some of us will inevitably come and go, and these passings will be marked in differing ways. In this edition I have been invited to join with Kerri Spooner to honour the passing of Graham Bidois. A large contingent from the Faculty and the University (including the Vice Chancellor Derek McCormack, the Dean Professor Desna Jury and the Pro Vice Chancellor and Head of School of Computer and Mathematical Sciences Professor Philip Sallis) attended Graham's tangi at Tawhitinui Marae in the Bay of Plenty on the 20th of January 2014.

Graham was not only a tireless champion for equity and opportunity for his students in the Certificate in Science and Technology programme, but also for all students in Computer & Mathematical Sciences at the newly established AUT South campus, where he was the inaugural programme manager. His commitment to scholarship and learning included research he had begun while undertaking postgraduate study. This work investigated the success of the certificate as a pre-degree programme for students studying STEM subjects, and the efficacy of interventions we had initiated to support student success. While Graham had established the design of the study and the blueprint for the report, working with postgraduate and post-doctoral students who helped with the data mining and analysis, this was a piece of work he was unable to complete before his untimely departure. As his successor in the certificate programme leader role, Kerri Spooner (Ngati Rangi) has been able to steer the work through to completion, which has now resulted in an internal report to the University. Graham had been Kerri's ally and mentor since she joined AUT in 2013 and in the following paragraphs Kerri notes the strong ethic of care that Graham adopted in his concern for the welfare of students and the staff within his team:

Graham had sown the seeds that could be watered to make sure that they grew. He was focused on employing staff who could connect with students and take them from where they were, to the level they needed to be at to achieve. Success for students meant being present in class – he encouraged the taking of roll calls as a practice which acknowledged the students, building a personal connection by knowing who was in class. The programme teaching team partnered with the AUT Student Experience Team who followed up absent students, and students who missed assignments, and that active management kept many less confident learners from falling by the wayside. He worked on the relevance of the curriculum by ensuring the course material was at the right level. For instance, on encountering high failure rates in the Foundation Algebra course by students not well prepared

by their prior experiences, he had a prerequisite course developed. But in parallel with that change he instigated a pre-entry testing programme to make sure that students were at a level that gave them some chance of success. Graham had an overall vision, a view of the jigsaw that needed to be in place for the programme to happen successfully. Kerri with a similar vision felt that she could help implement what he wanted to see happen. Graham was open to honest critique and feedback and was willing to listen and adapt: "Once you had agreed you just got on with it". Kerri valued the way in which academic staff were given the professional freedom to operate in the ways that worked for them and the students, provided they were equally committed to high standards and successful outcomes.

Two research reports have resulted from Graham's scholarly interpretation of his role. The first relates to the numeracy testing implementation. Previously gauging student abilities from their prior study records was mixed, so often students had been placed in the wrong courses. Through a process of pre-entry testing, a diagnostic tool became available to the programme leader enabling students to be accommodated at the most suitable level for them to spring from, as a kakano or seed which could then prosper and flourish. A by-product of the pre-entry testing was that it seems to have generated better student engagement. Since the students had to visit the campus and commit to the testing process prior to receiving a suitable offer, they were strongly engaged once they accepted the offer and as a result we have seen better completion rates. In the second report tracking certificate students and their subsequent success in degree level study, the results are very encouraging, with findings indicating that success in the certificate strongly predicts success in subsequent degree level study. Anecdotal evidence suggests that strong certificate graduates are better prepared than those entering directly from high school, and high performers at this level continue to do so at the degree level. Which all goes to show that education is a very uncertain process, students often come to us with gaps in their preparation, success in learning can come at different stages in life. The insistence on high expectations by teachers is crucial if we are to avoid the casual racism, sexism and classism of low expectations. One of the young researchers who worked on this study (formerly a certificate student at AUT and now graduated with a PhD) recounted one of her past teacher's dismissive comments "You're too dumb to do programming!" Graham strove hard to make sure that was not an experience any of his students would encounter.

The following poem was read at Graham's tangi.



Graham Bidois with the girltech students



Graham with Betty Pulefolau and Ariane Adam

For Graham

What can I say about Graham?
I guess I loved him
As a brother, as a cousin, as a son?
Even if he drove me, as do all good
whanau,
Crazy at times...

In the strange ways of academe
We knew each other in many
different roles:
My student from time to time
His line manager as an academic
within my team.
A teaching colleague
Valued for his insight, concern for
students,
Intellect,
Teaching, professional practice
And strong technical skills.
Programme leader, with mutual
concerns for opportunity
And soundly earned student success.
Research partner and co-author
Programme Manager for the newly
established campus
at Auckland South
A friend...

It seems wrong that he has gone, all
too young
Hale, strong, a fit and vigorous
presence
Right up to the end
Struck down
By the chance whims of whakapapa
By a few wayward genes,
Betrayed...
But I suppose
Life is not fair – it simply is life,
And we must value it while it endures.

Two decades together spanned.
Captured poorly in a few fragments...

Though a kind, supportive and
measured man
Graham was not your usual weedy
academic.
Enormously physically strong.
He talked of his early years
Logging, hard labour in the forests
and farms,
Working as a bouncer in Tauranga
pubs
Sleeping with a shotgun under his
pillow.
But not a violent man.
Though Doug MacKenzie recalled
Him losing it during his final year
project,
With an infuriating team mate
grabbed around the throat
Pinned feet dangling held up against
the wall.

Then after his studies at AIT
Running his own software
consultancy,
Working late nights for demanding
corporates.
I think we taught him the value of
quality work
All too well,
Later working unrewardingly
For a cowboy software firm
Whose boss had undermined his
efforts
To deliver quality code.

He returned to then Polytech of AIT
But no longer as a student
Piecing together roles of practitioner,
educator,

Academic leader, advocate
University Scholar.
His commitment showing until the
end.
They talk of cowboys dying in the
saddle,
I guess Graham with his laptop at the
hospice
Was an academic version of the
same.

We shared an interest in running, and
keeping fit,
Though mine was less extreme.

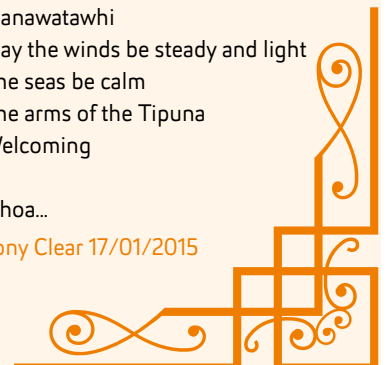
That base fitness and strength kept
you going
Obvious at the hospice when I held
your hand Graham
There was still warmth and strength
there
Muscle condition remained.
But you had the sense to take your
leave
When the time had come...

I'll miss you Graham.

On your long trip from Te Rerenga
Wairua
Through the last breath at
Manawatawhi
May the winds be steady and light
The seas be calm
The arms of the Tipuna
Welcoming

E hoa...

Tony Clear 17/01/2015



STAFF AWARDS GAINED IN 2014

Alister Kata

Jointly won the *Ossie Award* for Best use of convergent media.

Professor Tek Tjing Lie

Awarded the *2014 IEEE Power Engineering Society (PES) Chapter Outstanding Engineer Award* for dedicated volunteer service to the New Zealand North Section PES Chapter.

Jim Marbrook

Awarded the inaugural *John Read Award* by the International Society for Psychological and Social Approaches to Psychosis. The award was given for his services to Mental Health by raising the awareness of mental health issues, and “shifting the korero” via his movies *Mental Notes* (2012) and *The Dark Horse* (2014).

The film “*The Dark Horse*” of which Jim Marbrook is co-producer received *Best Picture Award* at Rialto New Zealand Film Awards.

Trevor Plant

The six-part radio serial ‘*Chad Awesomesauce*’ of which Trevor Plant was producer, story editor and voice won *Best Children’s Programme category* the New Zealand Radio Awards.

Associate Professor Verica Rupa

Awarded the *New Zealand Business Events Award* for bringing the World Journalism Education Congress to NZ.

REFLECTIONS



THE INNOCENT RESEARCHER: THE FIRST TIME

Contributed by Jane Berney

I approach my first research interview with the trepidation of a first date. I'm anxious not to behave in a way that could create an uncomfortable atmosphere for any of the participants. When we move from the 'warm up' questions to the ones I'm most invested in, I feel as if I'm scurrying to pick up the 'pearls' that fall upon the table. Despite my reliable digital recorder I try to transcribe what seem to be glinting fragments of importance.

In that precious hour my subjects become my idols; their generosity and honesty move me and I struggle to place these thoughts aside and to simply receive the stories they're sharing. A comment catches me and I hasten to scribble, underline it in my notebook while maintaining a relaxed visage. In the second interview I discover that the responses to the questions are almost invisible cues, messages within the sentences that I fear I may miss; they are signalling me and I must be alert, for they are shy and do not reveal themselves easily.

I can guide but not lead my subjects. I remind myself to stay out of the data; I am the receiver, the recorder, but not the participant, yet I cannot be absolutely pure. I understand that I need to keep the gloves on however I cannot wait to finger the data. With each interview I am excruciatingly aware of the time; not to take too much, and how precious theirs is contrasted to mine, this hungry researcher. I will starve without their words and their grace.

Not wanting to appear as anxious as I feel, I refrain from checking, my digital recorder; what if the 68 minutes of unrepeatably data has for some inexplicable reason disappeared? Despite gentle warnings from my supervisor I am astounded at how many words equate to an hour of interview; 12, 682 to be exact. With five more interviews I can see how the empty pages may have life breathed into them.

Love stories

I set aside several hours to transcribe and complete a draft before the next interview. Although this process took more time than I had originally allowed for, this let me delve deeper into the data, to allow the messages to resonate, and themes emerge, subside, then re-surface. It gave me space for reflection, and reviewing of the data, and to experience it as it was translated from audio to the written word.

Once 'transcribed' my interviews amounted to 55,600 words resting on the page, waiting to be called, to step forward and take their roles, in this as yet unwritten piece of theatre. Each time that I worked with it, the data revealed fresh insights and truths and formed new shapes and themes; it seemed, of its own intuitive, magical volition.

The more time I spent reading the interviews, combing through words and sentences, I marvelled at how the light caught them in a way that I hadn't quite noticed before. Transcribed they are transformed, as if with time on the page an alchemy has occurred and the innocent array of adjectives, verbs, nouns, prepositions have developed a meaning and a language different from that recorded. Did my interview subjects know that the words that they spoke would metamorphose into shimmering strands upon a page; that in a certain light could reveal more than they possibly ever imagined or intended? I wonder, momentarily, if I thief-like have stolen secrets from their stories.

Time to rise

I take some time away from the data and upon my return discover that while I've not been turning it over and holding it to the light, it has shifted; new ideas and possibilities have risen to the surface. The pull between placing more data into a single classification, and being more vigilant and placing only that which is most relevant and recurring; this is the challenge.

My five beautiful category-concepts, rich and luscious, like peonies; flouncy and seductive overwhelm with connected references, so that they eventually become seven, joined by two more category-concepts set up to capture the other thoughts and ideas that have dazzled me. Too rich though and the decision is made to pare them back to three, and to seed into them the richest parts of the other four. In this condensing of concepts I feel that I have not served my data or my subjects, yet am assured that this is the kindest cut; that the material left upon the page will not wither and die, but instead go into a sort of suspended animation and may be brought back to life to infuse new writings at a later time.



CROSSING DISCIPLINES, CROSSING OCEANS: RESEARCH AS WELLBEING

Contributed by Dr Philip Carter

There is a headland in the Bay of Islands where the kikuyu grass creates a spongy seat so one can sit very comfy under the spreading limbs of a pohutakawa tree as the sun rises out of the Pacific Ocean and a fine warmth tickles all things into the breath of a new day. Sitting there, on the ancestral land, I remembered myself as a young man and the adventure I had sailing and the life I made on the island of Huahine. I did that I thought – I went off and I did something by myself – but then I had a realisation: it was not so new, there has been a long line of adventurers going out on their own. I thought of a great uncle named Tuai who went as a young man in the early 1800s to New South Wales and of my grandfather who left this place and started a home in Wellington.

I reflect on the dynamics between the freedom of the individual and the wellbeing of the group. It appears that a group that is vibrant and healthy will have group members who are individuated. That is: self-responsible, not blaming or colluding, not fixated by narcissism and cravings for approval but centred in their own experience. In that maturity, there is the necessary ground for the development of the reciprocity and cooperative working relationships that are required for

any institution to function effectively, whatever their political or organisational structure.

The new field of interpersonal neurobiology offers new insights into the dynamics between the individual and the group. It appears that as well as an inherited neurosignature for social behaviour, the infant human also embodies the first experiences of their social world as a schema in the brain. This 'social self' is a basis for the subsequent formation of language and reasoning. This upsets the cherished belief that a social identity is a function of language and reasoning. It offers a fresh integrative piece between the individual and the group.

I am a psychodramatist. I'm drawn to the vitality and dynamics of the drama. One drama that has fascinated me is that between the machine and the human. I have used the unscripted dramatic stage to tap into the stories we have about the machine. The idea was that the stories would offer portents of the future, if only because creative efforts are put into what is imagined. We were surprised to find there was a lot of life when people enacted being a machine, even people

who weren't keen on technology and felt it had created an isolation from nature and direct experience. Whether playing a computer, a car or a ticketing machine, they felt a liveliness and a freedom. We reflected on this and identified a lifting of the moral burden of being human.

I also sought to penetrate into the origins of technology. I was relieved to find that it was not a product of utility as commonly believed. Our inventions did not emerge from an ape bashing a nut with a stick; apes still do that but none of them have concocted a screw or invented the knitting needle. It was fascination with the inner world and the riches there that gave birth to technologies. It was what we made of the patterns and cycles of things, and how we represented these things abstractly in symbols and artefacts, how we moved backwards and forwards between the inner and outer worlds, that seeded technology. Utility and survival needs are not the only story, not even the central organising principle. Technology is a sibling to art and reverence, sharing the same beating heart.

Now it appears we have done the god act and created in our own image as creatures with language: a computing machine that manipulates symbols. It is in its infancy and the ideas for how it can be further developed abound. New questions of consciousness arise and can be tested. Other perennial questions can be investigated from a fresh perspective: the nature of the creator, freewill and predetermination, the nature of mind, what agglutinates feeling... There is great advantage in approaching these things with naivety, to be ready and alert to contact things as they are and not how we presume them to be. Much can be perceived through mulling things over and developing a quality of thinking that includes the imagination.

Consider Darwin's central insight that organisms are not understood isolated from their environment but in the dynamics of their relationships. Find Einstein imagining himself riding a wave of light to see what the universe would look like. And before him, Martin Buber's great insight that it is not relationship that comes into time and space but time and space that arises from within relationship. This might be appreciated by seeing how the movements between the

earth and the sun create the sequences that are divided up and called time. One could imagine that there is a magnetic gravitational field between two things, an attraction or repulsion that is dynamic. Does that mean each relationship has its own space-time field, if only extremely weak? I am entering the realm of speculation here. Is this gravity the glue of time? Is love the great attractor that traverses space and time? I look around for a companion to assist me to write down these hypotheses. Together we may consider how we will investigate them. What whacky method might we come up with?

I notice my imagination flourishes in a friendly field. I want to be part of a team of researchers and learners. I have found this at AUT. Formal and informal teams have developed. We did not wait for the PhD to be finished or the funding application sorted.

Looking around the campus at AUT, I see an extraordinary richness of culture and people. Many newcomers have arrived in New Zealand setting up their new homes. They have a great opportunity to reinvent themselves, to be free of the old group narrative that latched on and colonised them before they had their wits about them.

Māori and European set up a commitment to a conversation, to being in relationship; they called it The Treaty. They didn't lay down rules. They set up a principle to be involved in a mutual relationship. They didn't say the power would be equal. It would be dynamic and things would need refreshing from time to time. It wasn't theoretical or an ideology. It is an ongoing, working commitment for the conversation to be explicit and done with care and intelligence. No one gets to ride roughshod over the other. I am heartened when I see us working together to honour and contribute to the living spirit of this land and its people.



Phil Carter on Kahuwera

SCHOOL OF ART AND DESIGN





The cowshed/home of the Motu family

MĀORI HOUSING AND SPATIAL JUSTICE

Contributed by Fleur Palmer

Like the plight of many indigenous people worldwide, issues relating to substandard housing are prevalent for Māori families living in the Far North. This predominantly affects families who either rely on rental accommodation or live on marginal rurally zoned Māori land located in remote areas, occupying makeshift housing. For instance, the Motu family come from Pukepoto. They live in a cowshed and various lean-tos, out houses, caravans and tents scattered across their property. This has been the family home since the 1960's and it is located on a small one hectare block of rural land on the outskirts of Kaitiāia. For many years, this family has dreamt of building several houses on their land to accommodate their extended family of 6 children, 25 grandchildren and 31 great grandchildren. But their land is too small to meet zoning requirements to build a real house, which limits housing to one house per 12 hectares. Just a few meters along the road, the Motus' Pākehā neighbours live in purpose built houses on land that is zoned with a higher density.

In her research, Fleur Palmer (Te Rarawa/ Te Aupouri) is interested in identifying problems embedded within territorial legislation that actively hinders development on Māori land and which stops families like the Motu's from being able to build affordable and healthy homes.

Fleur's research considers the ways in which western approaches to land development and legislation have adversely impacted on Māori communities living in the Far North. Her current project, called Dreaming our Futures is located in the north Hokianga. This is a large-scale project undertaken in collaboration with seven marae, tribal endorsement from Te Rarawa Runanga, and partial financial support from Te Puni Kokori and He Korowai Trust. This project involves an extensive collaborative visioning and mapping exercise that identifies risks associated with sea level change, ecological degradation, social and economic development and cultural well-being. It also includes an assessment of housing in this region. The aim is to identify the areas that need infrastructure so that the communities involved can work collaboratively together to rezone their land, and apply for grants to upgrade their existing facilities, to make them more sustainable. Fleur is in the process of gathering information on approximately 200 houses in the region to assess how the existing houses support the quality of life of the inhabitants. Factors that are being considered for this assessment include dwelling size, occupancy, family structure (e.g. multiple or single families), access to basic amenities such as electricity, water and sewerage, the quality of heating, insulation and lighting, and any related health conditions.



Caravans also house family members

Over the last three years Fleur has also been working on Whare Ora for He Korowai Trust. This is an affordable housing development in Kaitaia, using recycled state houses from Glen Innes, and funded by the Social Housing Unit. For this development Fleur developed a collaborative envisioning workshop to find out how families wanted to occupy the site. The ideas that were generated during this workshop were synthesised by Fleur into a Resource Consent proposal for the Trust. This consent challenged the lack of provision within the territorial legislation to allow for papkainga development within the urban centre of Kaitaia. Aimed at creating affordable housing for low income families who currently live in substandard or overcrowded housing, this project faced extensive local opposition from neighbours concerned that the development would bring an “undesirable criminal activity associated with the new inhabitants” and that “neighbouring properties would devalue because the houses would only cost \$130,000 to buy”. Overt racism was reinforced within local publications with statements like:

“There’s only a fence between us and the houses. It’s not necessarily the houses, it’s the people going into them.”

“Our question is, how safe are we and our property going to be? How is it going to devalue our place that we want to live in for the rest of our lives?”

Opposition to this project also came from previous tenants of the recycled houses who had been evicted from their homes by Housing New Zealand. Controversy surrounding this development led to extensive delays in getting it built. But in July, two years after the project commenced, nine families, including 46 children and 16 adults will be able to move into their own homes. The obstacles that this development has faced are part of the many issues that Fleur’s research is interested in illuminating.



Lake Kirkpatrick, Queenstown. (Gin, 2010)

NEW ZEALAND'S NATION BRAND AND ITS IMPACT ON EXPORTING BUSINESSES

Contributed by Eden Potter

When people from other nations think 'New Zealand', an array of expressions about the country comes to mind. Hobbits, rugby, sailing, natural purity, stunning landscapes, and Māori culture make up a pretty mixed bag of mental imagery and associations. Then there's the New Zealand flag – virtually indistinguishable from the Australian one – presenting another country expression that sits haphazardly with the others. It's precisely these social, geographical, economic, and cultural associations that determine how a country is characterised and differentiated, as well as how its national brand image projects beyond its borders. If perceptions of a place are not clearly defined, it's much harder to offer a clear and coherent nation brand to the world.

It was this apparent lack of direction and consistency in New Zealand's national brand identity that intrigued AUT Communication Design lecturer Eden Potter and brand strategist Raul Sarrot enough to want to discover more about it and its impact on New Zealand's exporting businesses. They wanted to find out why the country seems to struggle to define a clear story and extend its brand relevance and longevity. They were also curious to see whether successful

marketing campaigns to promote New Zealand as a tourist destination have affected the way that export markets perceive the country.

To get a real-world angle on the subject, Eden and Raul gathered first-hand opinions about how well Brand New Zealand is performing. They interviewed or gave questionnaires to a number of New Zealand-affiliated brand and business leaders who had either developed brands for export markets, or who worked with overseas markets and industries. The researchers were interested in discovering how these opinion-makers believe New Zealand is perceived internationally, and how those perceptions contribute to exporting businesses. This research complemented their literature review on New Zealand's nation branding efforts from the 1980s to the present day.

What they found confirmed their existing hunches and yielded some surprises.

Research respondents believed there was a strong link between international markets' perceptions of New Zealand's export products, and its landscape, particularly when it comes

to consumables like wine, food and skincare products. The Tourism New Zealand campaign 100% Pure has promoted the 'country of origin effect', where people assume that 'good products come from good places'.

However, respondents also felt that tourism brand associations of remoteness and smallness have led to New Zealand being perceived as an expensive, isolated, and niche market. Perceptions of New Zealanders as business people were both positive and negative. The brand and business leaders said that while New Zealanders have a reputation for being friendly, easy-going, innovative, and practical, those in international trade were sometimes naïve and lack drive when it comes to exploiting the country's export market potential. They believed that New Zealanders' complacency and lack of self-esteem means they tend to avoid risk-taking, and this impedes growth.

The researchers were surprised to find agreement between brand and business leaders that little has been done to promote New Zealand as a country to do business with. This is despite the 2013 launch of *The New Zealand Story* – the latest initiative from the New Zealand government that complements the 100% Pure campaign and gives businesses a toolkit to help them market the nation's story internationally. Eden and Raul analysed *The New Zealand Story* from a range of angles: visual design, conceptual, and strategic.

They concluded that New Zealand's challenge is to create a nation brand that acts as an 'umbrella' to hold all of the concepts and visual elements that currently convey multiple expressions of New Zealand, and to represent them uniquely. This needs to be one that extends the existing brand story – one that, like the Canadian or Peruvian nation brand, is unique, memorable, and understandable.

The paper 'New Zealand's nation brand and its impact on exporting businesses' will be published in *Design for Business, Volume 3* (Intellect Books / University of Chicago Press) in 2015.



New Zealand 100% Pure (Katchoo, 2009)



AUT staff at work in the Design studio in Auckland City Hospital. Standing is the *DHW Lab* co-director Justin Kennedy-Good from ADHB

DESIGNING BETTER HEALTHCARE EXPERIENCES

Contributed by Dr. Stephen Reay

Steve Reay's current research builds on his background in biology and ecology and explores the potential benefits of collaboration between design and other disciplines. A main focus of his current research is to explore the interaction of products, users and environments, with a specific focus on investigating how products, services and experiences (and design) may have a positive impact on the health and wellbeing of people. He is working to develop a better understanding of how communities, society and the wider environment relate and interact, and how design may be used to positively enhance these interactions.

Dr. Reay is currently focused on developing a collaborative interdisciplinary network of research in the area of design for health and wellbeing with a group of researchers from across AUT. This includes establishing the *Design for Health and Wellbeing lab* (www.dhwlab.com), a design-led collaboration between AUT and the Auckland District Health Board. The *DHW Lab* is a space to creatively challenge how we design and view health and wellbeing. This unique collaboration aims to contribute creative and responsive design-led solutions to health environments, while providing real world opportunities to advance both applied and theoretical research into how design can be integrated within healthcare environments. Fundamental to this approach is user-centred design in which patients, families, and staff are integral to interdisciplinary and collaborative design processes. Thus the value of design reflects real needs rather than assumed needs. The *DHW Lab* is physically located at Auckland City Hospital represented by a 380m² design studio – a creative space that clearly articulates our new way of working. The establishment of the *DHW Lab* in Auckland City Hospital provides an initial point of contact for students and researchers from all disciplines at AUT to initiate and develop unique relationships with real world partners.

The initial aims of the *DHW Lab* included establishing and developing a community of interdisciplinary design-led research about developing products, services, systems

and experiences for improved health and wellbeing of our population. Through this we are further developing the Auckland DHB-AUT relationship to stimulate innovation for both parties and significantly contribute to the enhancement of patient, family and community experiences over time. Auckland DHB staff have opportunities to learn about design and how it can contribute to improving healthcare and wellbeing; they also have access to design expertise. The collaboration allows the University to gain access to meaningful, real-life design problems for its academic staff and students. The health care sector will benefit from creative expertise and talent to solve service planning and delivery issues.

For students at AUT, particularly at Postgraduate level, the *DHW lab* provides an opportunity to undertake their research in a collaborative environment, with other researchers from a range of disciplines, as well as to contribute to the functioning of the lab as a design studio working on daily design challenges in health, alongside patients' families, clinicians and other staff. Academic staff from across AUT that have helped establish and contributed to the success of the lab include Dr David White (School of Engineering), Dr Daniel Shepherd (School of Public Health), Dr Tineke Water (Centre of Child Health Research), Assoc. Prof Dave Parry (School of Computer and Mathematical Sciences), Assoc. Prof Nazimah Hamid (School of Food Science and Microbiology), as well as Dr. Andrew Old (Chief of Strategy, ADHB) and Justin Kennedy-Good (Improvement Manager, ADHB). We view the *DHW Lab* as an opportunity to explore how we create new tertiary learning environments to help better prepare for a diverse and changing future.





Looking back to Tikapa

KEEPING THE HOME FIRES BURNING

Contributed by Natalie Robertson

*Ka wera hoki i te ahi, e mana ana anā.
While the fire burns the mana is effective.*

The philosophical basis of Te Ahikāroa (‘the long burning fires of occupation’) and the practice of Manaakitanga (host responsibilities of care and guest responsibilities of reciprocity) are the loci around which Natalie Robertson’s research practice circulates, using lens-based media (photography and moving image) and non-material practices (conversations as a critical site for relationships) as artistic tools. Centring on ecologies and politics of place, Robertson’s research tests out questions of sustained deep cultural knowledge of land and waterways, along with concepts of host and guest. Restoration – environmental and cultural – is intertwined with these concerns at the centre.

Robertson’s work considers issues of representation of indigenous people, places and knowledge through artistic practice with a critical interface with local communities. The concepts of Ahikāroa and Manaakitanga are underlined by Kaitiekitanga, considered here as the ability to care for

land, waterways, flora and fauna and places of customary significance. Robertson works simultaneously on several research projects, weaving together individual, collaborative and collective practices in an increasingly trans-disciplinary way.

Robertson ends and begins each year by returning to her Ngati Porou homelands at the mouth of the Waiapu River. In the opening statement in Ngati Porou’s 2010 Deed of Settlement, the Waiapu River is deemed to be ‘of immense spiritual, cultural and traditional significance to Ngati Porou.’ and that ‘The numerous hapu traditionally associated with the lands alongside the Waiapu River have always been responsible for protecting the mauri of the river.’ On the basis of this tribal mandate, this ‘water – culture – environment’ research nexus rests on a kaupapa of environmental sustainability and the health of land and water as integral to cultural survival.

Robertson's photographic response to local environmental issues is to document the activities that maintain a way of life such as food gathering and fishing. Images from January 2014 were included in two solo exhibitions, *Te Ahikāroa – Home Fires Burning*, at the Tairāwhiti Museum in Gisborne (July 2014) and later in the year, at the C.N. Gorman Museum (curated by Veronica Passalacqua) at the University of California, Davis (September–December 2014) at the invitation of the Director, Professor Hulleah Tsinhnahjinnie. In accomplishing the Tairāwhiti Museum exhibition, it achieves a deeper aim of returning images to the local community. The C.N. Gorman Museum was established to support the creative and aesthetic aspects of the Native American Studies curriculum. The opportunity to exhibit came from building a longstanding relationship with an international indigenous photography community and concepts of Visual Sovereignty.

Developing the political and cultural knowledge in *Te Ahikāroa*, Robertson presented a paper at the World Indigenous People's Conference on Education in Hawaii in May 2014 (WIPC:E). The paper is entitled "Visual Feasts – Photographic narratives of belonging" and discusses if photography can contribute to inter-generational knowledge transmission through images of food and sites of hunting and gathering.

In collaboration with Dr. Ngarino Ellis, Robertson has been creating a new body of work for Ellis's forthcoming publication *Iwirakau – A Whakapapa of Tradition 1830–1930*, on six Ngāti Porou carvers. For several years, Natalie has photographed many East Coast meeting houses, as well as carvings held in museum collections. Due for publication in 2015, the book will include over 100 new photographs by Robertson of carvings, meetinghouses and East Coast landscapes. Observations about the political, social and cultural nature of the carvings led to Natalie and Ngarino presenting the joint paper "Sex and Power in Māori Carving" at WIPC:E 2014.

Local Time is a four-person art collective comprising Alex Monteith, Danny Butt, Jon Bywater and Natalie Robertson. Continuing *Local Time's* interest in the protocols of hosting and the practices of customary authority over land and Puna Wai (r fresh water springs) are holding the attention of the collective at present. For Robertson, the collective provides a way into research that is performative and non-material based practices, particularly host/guest relationships. In February 2014, *Local Time* travelled to Melbourne to camp on the banks of the Maribyrnong River in Footscray to host 72 hours of open-format conversation in an exhibition to accompany the conference Spectres of Evaluation, held at Footscray Community Arts Centre. *Local Time* talked with elders, artists and artworkers from the Aboriginal and Torres Strait Islander communities connected to Footscray, discovering deep familial connections in the process. *Local Time* took up a related response to a Manukau project *Other Waters*, and will continue this thread in Rarotonga in July 2015.

Whakawhanaungatanga is one of the aspects and outcomes of research that is most exciting for Robertson – the community of fellow researchers that become 'family'. During

2014, with travel to Australia, Hawaii, and USA, connections made and relationships strengthened with significant artists, educators and cultural workers continue to enrich Robertson's practice and inform new research trajectories. Attending the ART + ENVIRONMENT Conference, Nevada Art Museum, Reno led to relationships between Robertson and her colleague Dr Huhana Smith, the Sagehen Project in Nevada, Harrison Studio and the Native American Washoe Tribal community. Each of these opportunities enlarges the potential of projects back home at the Waiapu River, with the long-term aim of assisting Ngāti Porou in their goals to restore the ecologies of Te Riu o Waiapu.

COLAB



Waiting Event: 64 Bytes. 2014.
(Still from live video feed and site specific installation.)



A DIGITAL PRACTICE

Contributed by James Charlton

Recently, when James Charlton, Senior Lecturer in Colab, needed a new hammer in his sculpture studio, he went online to order one; James was pleased to find – in keeping with his interdisciplinary research practice – that he could now get a digital hammer apparently complete with on-board integrated display ports, push button command, voice control and a greatly improved systems stability feature. Well, at least that's what the website promoted.

While blatantly misinterpreted, it seemed to Charlton that the strange non sequitur of the digital hammer is perhaps not so uncommon. "It's digital," people say, when really what they mean is that it's on a computer. As a sculptor concerned with the nature of materials, Charlton realized there was a problem with this perception of the computationally privileged digital that seemed to be masking a fuller understanding of digital materiality, and obscuring questions about how artistic practices might respond to a non-computationally determinate digital.

A good example of this, he says, can be seen in rhetoric surrounding the popularization of 3D printing, whereby something that comes off a 3D printer is considered digital simply by association with technology. In fact a 3D printed object is like any other object in the world – within the current use of the term, there is nothing fundamentally digital about it. Reflecting on this, Charlton began to consider what it would actually mean to have a digital-sculptural practice – a question that now forms the basis of his PhD on Digital Materiality with Plymouth University, UK and TransArt Institute, Germany and USA.

Using his 2014 sabbatical to kick-start his PhD, Charlton spent almost six months in Europe attending PhD residencies in Berlin and New York that form the core of the low residency model he is enrolled in. "The residencies provide a very focused and intense engagement with your research through a combination of research training workshops, critiques and lectures. It is totally refreshing to be isolated from your regular life and think about nothing else but your research." Of course there were other unanticipated benefits of studying in Europe – not least of which is the instant "pop-up" academic community that you get when you have Directors of Studies in Denmark, England and Scotland.

Being 'on the floor' in Europe for a prolonged period of time also allowed James to build sustainable networks that are continuing to provide research opportunities extending well beyond the scope of his PhD, resulting in numerous exhibitions and conference papers in the UK, Germany, USA, Denmark and Hong Kong. A keynote presentation and multi-site interactive installation for the Post-Screen festival in Lisbon, Portugal and the forthcoming Chapter in the Palgrave MacMillan publication *Digital Movement: Essays in Motion Technology and Performance* attest to the traction his work is getting in Europe where the art world's growing interest

in New Materialist and Speculative Realist Philosophy has conveniently aligned with his work.

As a contemporary artist with a considerable international exhibition record, Charlton's sculptural practice is, as one might expect, not limited to conventional approaches. Employing physical, computational and performative approaches, his practice provides an effective tool for practice-based research. The resulting artworks frequently involve networked microprocessors and physical action/interaction to create multisite installations. In *Waiting Event: 64 Bytes*, Charlton installed basketball hoops fitted with IR sensors on the streets of Lisbon and fed data back from them over the cellphone network to affect a live stream video broadcast.

In such practice-based research Charlton resists dualist readings of the digital by using his sculptural practice to interrogate a digital ontology in which materiality is conceived of as emergent and co-constituted. Practice, taken as being located in the nexus of agency, is seen as engaging *the digital* as a *thing-in-itself* and thus presenting a viable method for understanding a computationally independent materiality of the digital.

While Charlton treats *the digital* as being ontologically discrete, it is not treated as being defined exclusively in opposition to the continuity of the analogue. Rather, Charlton proposes that *the digital* and the analogue are distinct yet inseparable *structural methods* that arise from a materiality *co-constituted* in self-realising events of practice. Materiality is treated not as an inherent quality of a substance, but as a result of the engagement of two agents with each other.

The initial notion of a digital hammer might then, in light of Charlton's research, not be quite so absurd if we can accept a temporal dimension for becoming that allows for material objects to exist in multiple states without conflict. If, in the continuity of the hammer's being, we can accept the discreteness of its moment of impact, are we also able to conceive of material objects as being both digital and analogue at the same time?



Testing smart knitted structures

ENGAGING WITH E-TEXTILES

Contributed by Associated Professor Frances Joseph

In the developing areas of wearable and embedded technologies, smart or sensing textiles are a small but rapidly growing sector. The special structural qualities of textiles, including lightness, drape and porosity, their strength and durability, along with their human uses as a 'second skin' for protection, support, comfort and wearability, are being extended with sensing, communication and response capabilities; These new types of textiles are known as electronic or 'e-textiles' and also as 'smart textiles'. The structural and performance qualities of knitted e-textiles have introduced new and highly innovative possibilities to the area of wearable technologies. The notion of 'wearable, washable, drapable computers' (Dias and Cork 2013) contrasts with more traditional, non-conformable, hardware approaches. The global market revenue for smart textiles is expected to reach over \$2 billion by 2018, and has been growing since 2013 at an estimated rate of 21.54 % a year. The complex, emergent field of e-textiles presents significant research and development opportunities that require expertise from different disciplinary specialists as well as new perspectives and methodological approaches that support cross-disciplinary collaboration, knowledge discovery and innovation.

Recognising the potential of this rapidly growing sector and the profile established by AUT's *Textile and Design Laboratory (TDL)* working with commercial e-textile application developers, the university has supported the establishment of a multidisciplinary research and development team, led by Associate Professor Frances Joseph, who is the co-founder and co-director of Colab, *Creative Technologies Research Institute* and of the *TDL*. The *Advancing e-Textiles Group* is comprised of experts drawn from Health Sciences, Textile Design, Interaction Design and Engineering, in collaboration with both local and overseas commercial partners and research collaborators. Supported by AUT's Strategic

Research Innovation Funding in 2014 and 2015, the project is building greater cross-institutional capability leading to the development of new materials and products for applications in the health sector and a growing recognition of AUT's national leadership in this field.

Knitted e-textiles present unique opportunities in relation to the problem of technology integration into textiles. They are multi-layered construction methods that can be made as single continuous sheets of fabric. Reductions in the size and improvement of compatibility of electronic components, the development of new materials and composites, and a deeper understanding of the way textile structures can be used to enhance signal output and hence electronic performance and functionality, are enabling the development of more reliable and repeatable knitted electronic components and their precise placement. However, in light of the wide range of possible yarn types and stitch structure combinations available to the e-textile developer and the anisotropic nature of knitted textiles, the development of models and general prediction theories for knitted e-textile performance is still limited. As e-textile technologies are further developed, the need to address non-technological issues, related to purpose, societal and commercial adaptation (Schwartz et al 2010; Bohmer et al 2013) has also been recognised.

The *Advancing e-Textiles* project began with three areas of focus: The first being a Materials Development investigation into the problem of commercial scale nano-fibre yarn production and understanding of the performance and potential of nano-fibre yarn and smart knitted structures. The *Materials Development* Team involves Professor Tek Tjing Lie, Dr Craig Bagueley and Dr Andrew Lowe from the School of Engineering, Associate Professor Joseph and Peter Heslop from the *Textiles and Design Lab*, and commercial partners Revolution Fibres. Research assistants included Oliver Haala, Donna Cleveland and Yasir Al Hilali. The production of nano-



Early electrospinning experiments

fibre yarns has been developed to proof of concept stage, and currently a next stage prototype is being developed. Smart textile testing facilities have been established in the School of Engineering and are being used for testing both for AUT projects and by industry partners.

The second project is application focussed and investigates the performance and development of smart socks for the prevention and monitoring of diabetes related foot ulcers. The research team includes Professor Keith Rome, Dr Simon Otter and Denise Wilson from the Department of Podiatry in the Faculty of Health Sciences, Dr Boon Chong Seet from the School of Engineering, Dr Mandy Smith and Gordon Fraser from the TDL and our external partner Waitemata District Health Board. Research assistants have included Xiao You and Amit Gupta. The team has established that two types of smart socks need to be developed: a diagnostic sock and a protective sock. The purpose and design requirements for these two applications have been clarified through a literature review, an analysis of existing products on the market and clinician feedback. The project has involved a number of strands including research into the attitudes and responses of patients to existing protective footwear options and the development of fabric based pressure sensors and a sensor tag for the diagnostic sock, which will incorporate a sensor-integrated radio frequency identification (RFID) tag.

The third project is more speculative, investigating potential areas of e-textile application for rehabilitation therapy. The research team has involved Associate Professor Denise Taylor and Viv Binns from the School of Physiotherapy, Associate Professor Frances Joseph and Gordon Fraser from the TDL, Dr Craig Bagueley and Dr Boon Chong Seet from the School of Engineering and Rachelle Moore and Lyle Reilly from the School of Art and Design. Research Assistants have included Jyoti Kalyanji, Charlotte Alexander and Kitt Foreman. The scoping phase aimed to identify possible

areas of e-textile application for health care and included a literature review, user feedback on existing products and some initial prototyping; the work identified a significant need for the development of low cost and wearable orthotics and home based therapeutic devices that integrate e-textiles seamlessly into their design. A number of fully integrated e-textile products developed for rehabilitation purposes are in development phase. An example is the development of e-textile design strategies for ankle foot orthotics that include sensors and stimulation to assist body motion and provide flexible support for the user.

The tripartite focus of the *Advancing e-Textiles* project, with its different approaches ranging from material to technological to application development, was designed to address critical issues, to incorporate different interests and areas of expertise from across the team and to enable the different methodological framings they brought. It was envisaged that these three different areas of focus would begin as separate projects but would link with one another as the project evolves further. This next phase of the project involving additional postgraduate research students and industry partnerships, is being rolled out in 2015.



Ben Kenobi

PIGSTY: PLAY + INTERACTIVITY + RESEARCH LAB

Contributed by Ben Kenobi

Magic! There is magic nearby. On this very page!

You are sitting in the dimly lit catacombs beneath the ruins of an ancient stone city. As you read these words from an ancient dusty tome you start to feel unsettled. These words are cursed! Reading them has made you the target of a Spell of Forked Lightning - woven into the text by some unnamed arcane wizard. If the spell hits you, electricity will leap at you from the pages themselves and cause waves of sharp pain through your body that you will likely not survive. In order to dodge the spell you must flip through the pages of this book, stopping at a random page of your choice. If the page number you land on is a multiple of three, then you survive. If not? Then... um... the 'waves of pain' thing happens.

Will you survive this brutal attack?

Colab Lecturer Ben Kenobi does not know what happened to the fantasy version of 'you' in the previous passage. He can make some guesses but he is more interested in what happened to 'the *real* you'.

The experiential qualities of your own reading of this passage is not bound but rather catalysed by the formal structure of the designed play space. Your experience involves challenge and uncertainty, but also - depending on your level of engagement - role-play and a dash of spectacle.

Games speak to us not in the designed language but rather, as any other art form does, in a language of experienced aesthetic. The building blocks of the language of games are engineered by the creator - and stumbled upon by the player. They are calculated and cultural. Proposed and

circumstantial. Game creators study this language and attempt to speak it, but ultimately the user experience itself is wildly unbridled and poetically human.

PIGsty - the AUT *Play, Interactivity & Games Research Lab* - emerged from Ben's observation of trends across the globe, such as the academic centre of *Technoculture, Art and Games* at Concordia University and the independent, non-profit, *LA Gamespace*. With the *PIGsty* research lab he seeks to develop a new research culture around ideas of play, interactivity and games through collaborations and on-site events such as the *PIGsty Lab Symposium* hosted by the School of Art & Design and Colab organised for the first time during the inaugural *NZ Festival of Games* in September 2015.



Rethinking ABI rehabilitation through play design (Image by B. Kenobi and L. Clarke. App development by A. Botkov)

In early 2012, while employed as a senior designer for international mobile games giant *Cameloft*, Ben started a dialogue with AUT at a time when Kiwi academics and creatives turned their gaze to the international game-scene. He is now involved in research across AUT faculties using game design theories in new areas such as *Rethinking Acquired Brain Injury Rehabilitation (Centre for Person Centred Research)*, the design of 'fail-space' game mechanics for pedagogical transformation (*Centre for Learning and Teaching*) and play-culture and post-material public spaces (AUT Library).

Unlike other DCT research labs, *PIGsty* currently has no physical home, Ben, Britta Pollmuller (Art & Design) and Steffan Hooper (Computer & Mathematical Sciences) aim to secure a physical space in the near future to support the newly developed cross-disciplinary *PIGsty* research community. Until then an on-going formal reporting of research precedents has begun. Ben represented AUT at the *Interactive Entertainment Conference* in December 2014 and led a research team on visits to some of Australia's game research and incubation centres. Ben and Britta collaborate to explore emerging post-disciplinary practices in the new Art & Design minor paper series *Game & Play Design*. AUT is one of the first universities in the world to work with software companies like *Unity3D* to develop new approaches to teaching digital proficiencies while re-inventing teacher-student skill relationships in the post-industrial age.

At the *NZ Interprofessional Health Conference* hosted by AUT North in September 2014 Ben presented findings from the first phase of the *AUT Stitches* project where DCT students created first year physiology learning content in partnership with the Interprofessional Health Studies unit.

The 'game-jam' (a 48 hour game maker exercise) scene was an early nursery for 'open-source', 'share', 'maker-space' and 'guerilla-work' cultures now being adopted by varied creative industries. Ben started to develop an outward facing game maker culture by coordinating events such as *Kiwijam* – a 48 hour winter game making event held at AUT's city campus since 2013. These industry experiments guide heuristics around game maker culture in the 2014 *PIGsty Learning & Teaching Development Fund* project. Work on this project is intended to expand for at least one more year in 2015 to new research areas such as learning networks and creative mobility. As a member of the *Wellbeing & Performance Research Group*, Ben is also in the position to relate these findings to the areas of well-being, productivity and the affective domain.

Ben is also the current *NZ Game Developers Association (NZGDA)* chairperson and uses this channel to connect AUT to relevant industry partners such as *Microsoft NZ* and *Tech NZ*. He also organizes the *Monthly Auckland Game Developers Meetups* which gets together 100-180 industry professionals, indies, researchers and fringe practitioners every month; Ben was also the chief organizer of the *NZ Game Developers Conference* hosted by *PIGsty* in September 2014.

With a critical and socially conscious representation of creative and humanitarian game research communities, Ben seeks to broaden the New Zealand gaming industry and to affect policy and social change through public speaking on topics such as digital weightless exports, cyber-culture, classification and intellectual property protection.

SCHOOL OF COMMUNICATION STUDIES



TAKING SOUND SERIOUSLY

Contributed by Dr Peter Hoar

The volume of the academic field known as Sound Studies has crescendoed over the last couple of decades. There are Sound Studies journals, conferences, and textbooks. Scholars working in this interdisciplinary area include historians, sociologists, anthropologists, and musicologists, architects, artists, acousticians and many others. The thing these scholars have in common is the idea of taking sound seriously as a major part of human life and culture.

Peter Hoar's research is in the broad area of Sound Studies. He is particularly interested in the history of listening. Listening, like looking, is contingent and determined by different societies in different ways at different times and places. Peter's PhD thesis was about the ways in which audio technologies affected cultures of listening in New Zealand from the late nineteenth century through to the late 1930s. The thesis explored the ways in which New Zealanders experienced and participated in the sounds of global modernity via gramophones, radios and cinema. This research included the history of technologies, media, popular culture, leisure, and consumption in New Zealand. But the central theme behind all these motifs was how sounds and their meanings resonate through our cultures.

According to Dr Hoar: "Sound is all too often ignored in media and cultural studies. Television, cinema, and digital devices: all these are saturated with sound. Studying media, culture, and technologies and ignoring sound is like watching a movie with the volume right down. You're only getting a small part of what's actually going on".

Peter teaches broadcast radio on the BCS degree and his teaching is informed directly by his research into local and international radio histories and contemporary practices. New Zealand broadcast radio is complex and multi-layered. It has been at the centre of public and private, domestic life in New Zealand for over eighty years and is a microcosm of the political and ideological upheavals of the last twenty years. Peter believes that radio is one of the most powerful media due to its instantaneity, 'liveness', cheapness, portability and ubiquity. Speaking of news services in particular, he says: "One of the many beauties of radio is that it uses sounds and spoken words which go straight into the listener's consciousness with no need for images or text to be decoded. I think of TV as radio hobbled by pictures which are mute without words to contextualise and explain them".

But Peter also makes radio along with teaching and theorising it. Since 2005 he has been researching, writing, and voicing documentaries for Radio New Zealand Concert along with contributing concert reviews to the network's arts show *Upbeat*.

These features have covered a lot of different musical styles ranging from the influence of George Clinton's Parliament/Funkadelic (P Funk) collectives on funk and rap to anatomizing the roles of the idea of the family in country

music. Peter Hoar has made programmes on a large range of composers from the beginnings of polyphony in the work of the twelfth century School of Notre Dame to the postmodern polystylism of Alfred Schnittke (1934–98) whose music is a cynical and blackly ironic deconstruction of the Western classical canon.

The raw material for these documentaries is the latest academic research along with primary and secondary historical materials, biographies, and music scores. Each feature has its own demands. The 2013 feature *Britten's Words* was about the varied texts the composer Benjamin Britten set to music and required literary research into the poems themselves but also extensive biographical research into the meanings they had acquired for Britten himself. And at the heart of the programme was a matrix of philosophical questions to do with how music, words and meanings are composed, performed, and then understood by listeners. Writing and presenting these features is a balancing act between esotericism and accessibility.

These documentaries are based on the Reithian model of public broadcasting: that is to inform, educate, and entertain. Hoar presents the latest scholarly materials, consensus and controversies clearly and succinctly with music and other audio materials that echo, extend and comment on his spoken words. The idea is to use a rich audio palette to tell stories and stimulate thought and conversation about our lives, our cultures, and the ways we live now.

Peter believes that strong public broadcasting systems are the best ways to provoke, enrich and engage with public life in a democratic society. Radio, with its emphasis on the spoken word, has a central role here. Currently his research is centred on the history of New Zealand radio as well as current debates about media ownership and control. He is also gathering material on noise in New Zealand. Says Peter: "Jacques Attali summed up the centre of my research interests with his idea that the world is not for the beholding but for the hearing".

CAP BOCAGE

WHEN A MOUNTAIN FELL INTO THE SEA

a film by Jim Marbrook

featuring
Florent Eurisouké

PRODUCER & DIRECTOR: JIM MARBROOK EXECUTIVE PRODUCER: JULIE PLOURDE
ASSOCIATE PRODUCER: VIRGINIE GRIZON PHOTOGRAPHY: JIM MARBROOK AND JAMES NICHOLSON
EDITING: PRISCA BOUCHET AND JIM MARBROOK MUSIC: ANDREW BELL, KIKI KARE,
VINCENT EURISOUKÉ, JULIE PLOURDE AND FRANKIE MARBROOK
SOUND DESIGN: DICK READE IMAGE GRADE: JAMES GARDNER - DEPARTMENT OF POST
DIGITAL MASTERING: NEXT TECHNOLOGY



CAP BOCAGE: DOCUMENTING ENVIRONMENTAL PROTEST IN THE PACIFIC

Contributed by Jim Marbrook

In 2014 Television and Screen Production lecturer Jim Marbrook completed the documentary *Cap Bocage*, a study of nickel mining and its influence on traditional Kanak society in New Caledonia. It premiered across the country in July at the New Zealand International Film Festival. Six years in the making, the documentary was seeded by a 2007 Journalist in Residence grant from the Pacific Media Centre. This allowed Jim to complete several exploratory trips to the territory in 2008. "This initial residency was the key to developing the project, it allowed me the freedom to cast quite a wide net over Kanak communities and the nickel mining industry in general." Initial research concerned itself with nickel mining protests at Goro, in the south of Grande Terre, the main island. A grant from Creative New Zealand also helped Jim to explore the relationship between the French state and the idea of nickel mining as it related to independence. He travelled to France for a month in 2009 to interview politicians, environmental experts and lawyers. "We were fortunate to be able to interview ex-Prime Minister Michel Rocard, the man who negotiated the truce between the independantist FLNKS leader Jean-Marie Tjibaou and loyalist leader Jacques Lafleur. This provided valuable insight into the political wrangle over resources and independence."

By the time he returned to New Caledonia the main story thread of the film had evolved: "I realised that the way to best explain what was going on was to focus on a smaller conflict between environmental association Mèè Rhaari and the Ballande mine at Cap Bocage, near Houailou. I needed to look at a microcosm of the bigger picture, personalise it so that an audience could identify and understand what was happening at a grass roots level." The film became centred on Florent Eurisouké, a controversial environmental activist. "Florent's unflinchingly militant stance became the key element that drove the story". There was a considerable amount of background research to do on Kanak culture and on the history of French colonisation in the Pacific. "The long production timeline allowed for a broader methodological approach than I normally take, one that explored ethnographic techniques and allowed dialogue to develop between myself and those whom I filmed." He is now working on an academic paper for the *Pacific Journalism Review* that he hopes will highlight some of these cultural complexities as they apply to work in Melanesia.

For Jim, support from AUT has been a key factor in the completion of this documentary. Professor David Robie and the Pacific Media Centre have been associated with this film all the way through its production and cinematographer and fellow AUT lecturer James Nicholson travelled to New Caledonia to shoot some key scenes in the film. Jim received support from other colleagues in the Television and Screen

Production teaching group who gave valuable feedback as the edit evolved. "One of our main focuses in Television and Screen Production is documentary and we are fortunate to have some very astute critics who also make films. Their advice was invaluable at screenings as the rough cut evolved."

Making a film on the French Pacific made it much more difficult for Jim and his production team to tap into traditional documentary funding sources like NZONAIR. "If the film was going to be finished it looked like the credit card would have to take a hit," he said. "I was fortunate to receive a Faculty award for *Critic and Conscience of Society* at the end of 2013 and covered with final travel costs for consultation with elders before we locked down the picture." The New Zealand Film Commission also backed the film when they saw a rough cut and this enabled Jim to complete some of the essential post-production work such as the image grade and the sound mix.

Cap Bocage's nationwide run at the New Zealand International Film Festival got some very good media coverage, but for Jim a key outcome of the screenings was further contact with others who were engaged in similar work. "Katharina Ruckstuhl, senior research analyst at the University of Otago, hosted me at their International Research Workshop on mining and indigenous customary rights and we also screened the film. I am now developing further research alongside the working group that was formed after our presentations and this is an exciting development." The film has also deepened Jim's association with the New Zealand International Film Festival. "It's the fourth film of mine that has played at the festival and, aside from the public screenings, contact with other filmmakers has been invaluable. In 2014 the School of Communication Studies partnered with the NZIFF to bring filmmakers Dan Geller and Dana Goldfine to AUT. Their documentary *The Galapagos Affair* played to full houses across the country. They gave fantastic master classes to our TV/Screen majors and post-graduate students." The School of Communication studies partners again with the NZIFF in 2015 and more documentary filmmakers will be visiting AUT.

Jim's year culminated with three nominations for the *Rialto New Zealand Film Awards*. The film itself received a nomination for Best Documentary and also received nominations for Best Documentary Director and Best Documentary Editing. "It was a great night and heightened by the fact that *The Dark Horse*, the feature film I co-produced, scooped all the big prizes." *The Dark Horse* was inspired by his 2003 documentary of the same name. "I'm interested in projects that have longevity and that can be catalysts for further work and *The Dark Horse* is a good example of this."



Trevor Plant with Suzy Cato on the *Great Big Kids' Show*

THE GREAT BIG KIDS' SHOW

Contributed by Trevor Plant

Intersects of radio broadcasting, education and oral storytelling traditions form the basis of Trevor Plant's research practices, opening questions about the importance of Reithian principles in the modern media landscape, the use of audio in education, and how community can be built around a radio audience.

Trevor's interest in children's radio lies in education, the preservation and promotion of oral history, the assertion of local culture and the role of radio in aural extension and exploration.

His career has been based in radio broadcasting for 25 years, although he taught primary school for several years prior. Trevor currently produces, researches, writes and co-hosts a weekly children's radio programme – *The Great Big Kids' Show*. As part of a team of five Trevor Plant received the 2015 New Zealand Radio Awards for Best Children's programme for the space-science comedy-adventure 'Chad Awesomesauce', a six-part radio serial which played on *The Great Big Kids' Show*. Trevor's role was as producer, story editor & voice.

Since 2009, Trevor has worked with children's television presenter Suzy Cato on the New Zealand on Air-funded show, broadcast nationwide by 21 local and community radio stations and networks via 86 frequencies, and streamed live through the websites of 17 stations.

As producer, Trevor creates, curates and commissions content that supports the concept of a New Zealand voice, New Zealand values and a New Zealand perspective.

His work as an educator and a radio practitioner gives Trevor a broad knowledge and wide experience of how groups within our society sound – how they talk, how they express themselves, and what's important to them. Interaction with children in the context of the show via interviews, guest spots, contests and reviews present opportunities to further explore the nuances, accents, attitudes and influences of New Zealand children.

The content of the show and how it is delivered via script and performance is crucial. Trevor researches relevant and topical content which reinforces local identity. The audience is given opportunities and encouraged to participate and engage.

Every three months children are invited to enter the Radio Star competition, where the winner meets Suzy and Trevor at their local radio station and co-hosts *The Great Big Kids' Show*. Reach is extended through contact with siblings, friends, teachers, schoolmates, whanau, and their community radio station.

Visiting these community stations across the country also allows Trevor the opportunity to access, observe and experience a variety of station set-ups and models, and to talk to local broadcasters about the challenges and opportunities

in modern community radio. This interaction informs his work as a university lecturer.

New Zealand society is reflected and incorporated into the show; features, stories, songs, and interviews are delivered within talk segments. Eighty percent of material is Kiwi content. Primarily, this material must entertain, but should also have an educational theme, value and focus as the show explores language, music, culture and science. This is achieved through a diverse range of features. These include the 'radio cartoon' serial *Va'a and Maia*, the adventures of two 10-year-old Kiwi kids; *Kids Just Like You*, a vox pop feature; *Pasifika Stories*; a science-based space adventure series "Chad Awesomesauce", Māori myths and legends; and interview-style child-driven book reviews.

Trevor and Suzy present an annual guest lecture on children's radio at the New Zealand Broadcasting School in Christchurch. Students then produce features for *The Great Big Kids' Show*.

Although *The Great Big Kids' Show* exists as entertainment, its kaupapa runs deep. Quality children's radio fires up imagination in a way that cannot be replicated in visual media. Oral storytelling techniques are employed to raise aural awareness and help layer and deepen the experience, along with devices such as sound effects, timing and humour. These listening, language, visualisation and focusing tools stay with children and enhance learning and life skills. Parents and siblings are involved in their children's contributions to the show, and as a consequence, audiences are often comprised of family groups, engaging them as a unit.

The Great Big Kids' Show provides opportunities for audience interaction via phone, email, web and social media. But the core of the show is radio – the 'theatre of the mind' medium – ubiquitous, relevant, accessible, local and free.

Trevor works across education and broadcasting in both research and practice, thus his research informs practice and practice informs research. His multiple roles on *The Great Big Kids' Show* – including interviewing, audio editing and scriptwriting – give him a practical insight into the production of targeted audio content, which pertains to his university teaching.

The Great Big Kids' Show is funded by New Zealand on Air. An application for funding is submitted annually and must meet strict criteria around audience, stations, budget and delivery of relevant and valuable content. The 21 individual radio station programme directors also need to see merit in the show and undertake an annual broadcast commitment.

The Great Big Kids' Show aims to inform, educate and entertain its audience of 4 to 10-year-olds and their families.



PACIFIC MEDIA WATCH PROJECT – A ‘CRITICAL CONSCIENCE’ OF SOCIETY

Contributed by Professor David Robie

Exposing torture in a story about cellphones use by security forces in Fiji, profiling a prominent editor and his newspaper in Vanuatu who had been brutally attacked in a printing plant invasion, and reporting on human rights violations against West Papuan journalists and civil society campaigners are all in a day’s work for postgraduate research students on assignment for the *Pacific Media Watch* project.

The project team, led by project convenor and Pacific Media Centre (PMC) director professor David Robie, was awarded the 2014 *Critical Conscience of Society* research award by the Faculty of Design and Creative Technologies.

The media freedom monitoring and research project was launched by the PMC at AUT in 2007 and collaborates closely with global organisations such as the Paris-based *Reporters Without Borders* and *Freedom House* in New York. *Pacific Media Watch* research feeds into their annual reports.

Originally launched at the University of Technology, Sydney, and University of Papua New Guinea in October 1996, *Pacific Media Watch* campaigned for the freedom of Tongan newspaper editor and publisher Kalafi Moala, one of his journalists, and pro-democracy MP ‘Akilisi Pohiva, now Prime Minister of Tonga.

Since the project has been operating at AUT, five postgraduate students from Australia, Kiribati, Norway, Papua New Guinea and Tonga have been recruited as part-time contributing editors, funded by occasional grants from external agencies such as the Pacific Development and Conservation Trust and UNESCO, and internally by the School of Communication Studies.

This year, award-winning Alistar Kata, of Ngāpuhi and Cook Islands heritage, has been appointed to the role of *Pacific Media Watch*’s editor. Along with two colleagues, in 2014 she jointly won the *Ossie Award* for Best Use of Convergent Media for coverage of the first democratic elections in Fiji since the 2006 military coup.

“I’ve worked closely with the PMC when covering the elections in Fiji, and I feel like this is where I belong,” she says about the *Pacific Media Watch* project.

She wants to engage New Zealand audiences more with Pacific news and current affairs.

“I don’t see the Pacific region covered enough in our mainstream media and there’s a huge gap and a need for people to know what’s going on with their neighbours,” she said.

“This is an area where I know PMC really flourishes”.

Kata intends to use her experience with multimedia journalism and research experience to offer people “all forms of content”.

Daily, she researches media industry and political developments across the Asia-Pacific region from French Polynesia in the east to Indonesia and the Philippines in the west. To be sufficiently backgrounded and prepared, she needs to constantly research media regulatory and legal issues and rights from asylum seekers to “climate change refugees” and gender issues in elections.

The *Pacific Media Watch* project was featured in the Singapore-based *Media Asia* research journal and also in *Pacific Journalism Review* during 2014. Several students involved in the *Pacific Media Watch* project have won awards since the publication of its groundbreaking inquiry *Pacific Media Freedom 2011: A Status Report*, published as a *Pacific Journalism Monograph* in 2012.

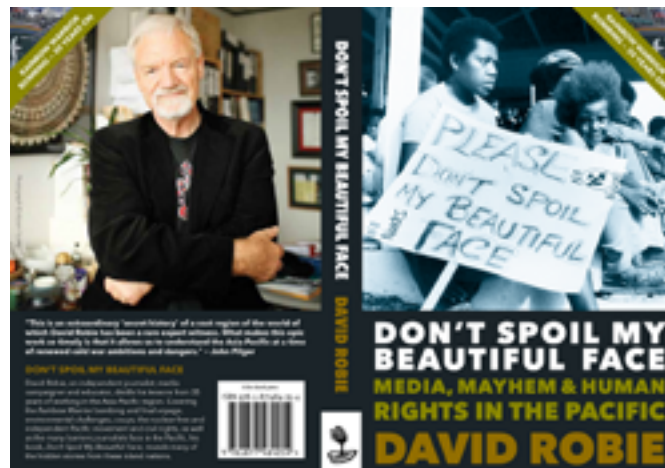
During 2013, Daniel Drageset of Norway was the contributing editor and he was awarded the annual global *Dart Asia Pacific Journalism and Trauma Centre* prize for his PMW reportage on torture in Fiji.

Further information may be found on the following web sites: www.pacmediawatch.aut.ac.nz and www.pmc.aut.ac.nz

Human rights in the Pacific

Many human rights violations have been investigated and analysed in Pacific Media Centre director Professor David Robie’s recent book *Don’t Spoil My Beautiful Face: Media, Mayhem and Human Rights in the Pacific* (Little Island Press, 2014). Dr Robie, a journalist who worked with *Agence France-Presse* news agency and other global media before becoming a journalism educator, founded *Pacific Media Watch* and has researched and written extensively about international comparative journalism, media law and ethics and peace journalism and critical development journalism.

More information at AUT Shop: www.autshop.ac.nz/pacific-media-centre/



SCHOOL OF COMPUTER AND MATHEMATICAL SCIENCES



Professor J. Cao

RESEARCH IN ANALYTICAL TOPOLOGY AND MATHEMATICAL ECONOMICS

Contributed by Professor Jiling Cao

The research interests of Professor Jiling Cao include Analytical Topology, Game Theory and mathematical methods in Economics and Finance.

Topology is the study of qualitative properties of certain objects (called *topological spaces*) that are invariant under a certain kind of transformations (called *continuous mappings*). Since topological spaces provide axiomatic approaches to describe convergences and abstract distances, they naturally show up in almost every branch of Mathematics. This has made the concept of topology one of the great unifying ideas of Mathematics. In the past two decades, various mathematical models have been proposed to assist with the analysis of uncertainty in markets or games where agents or players have asymmetric information. Utilising these new models for the rigorous analysis of economic scenarios has proved to be very complicated and it has been realized that there is a need for approaches from Analytical Topology. Indeed, applying Analytical Topology to classical economic models has yielded some remarkable achievements in Equilibrium Analysis, Game Theory, social choice and welfare

allocation, as witnessed by the fact that four Nobel Prizes in economics have been awarded in these areas, namely to K. Arrow, R. Aumann, G. Debreu and J. Nash, Jr.

In the past few years, Professor Jiling Cao has focused his research on the hyperspace theory in Analytical Topology and its applications in mathematical economics. One particular type of hyperspaces that Professor Cao has been interested in are called *Wijsman hyperspaces*. They originated in an area of Mathematical Statistics, called *Sequential Analysis*. In 1966, R. Wijsman introduced a type of convergence for sequences of closed convex sets in the Euclidean plane, in order to study the optimum properties of the sequential probability ratio test. However, Wijsman hyperspaces seem to be intractable and mysterious mathematical objects, and many aspects concerning their nature and characteristics are still under veil. For example, the following problems were posed and studied by several eminent mathematicians working in the hyperspace theory, including G. Beer, C. Costantini, G. Di Maio, E. Meccariello and L. Zsilinszky, et al.: (1) How are Wijsman hyperspaces different from other

types of hyperspaces? (2) Does a Wijsman hyperspace have nice descriptive properties like the real number line, such as completeness, Polishness or being secondary category? (3) Must a Wijsman hyperspace be a “normal” topological space? These problems have been puzzling mathematicians for about 40 years. In the past few years, Professor Jiling Cao and his research collaborators from Brazil, Finland and New Zealand have made significant progress toward the solutions of these problems and have published four research papers in two prestigious peer-reviewed journals: *Proceedings of the American Mathematical Society*, and *Topology and its Applications*. These publications have attracted the attentions of international colleagues. In July 2013, Professor Cao was invited as a plenary speaker at the 16th Galway Topology Colloquium, held at National University of Ireland, Galway, to report his research discoveries on Wijsman hyperspaces.

Another research direction of Professor Cao’s is to apply mathematical methods, particularly methods in Analytical Topology, to the study of equilibrium theory of general economic models under ambiguity. Since R. Radner extended the Arrow–Debreu deterministic economic model by introducing asymmetric information on agents, the question how to introduce appropriate equilibrium concepts with reasonable economic properties for Radner’s model has been a long-standing open problem among economists and mathematicians. Note that in Radner’s model, each agent is characterized by his/her own private information, a state-dependent initial endowment, a state-dependent utility function and a prior. The private information of an agent is modeled as a partition of the finite state space, the initial endowment and allocations of each agent are assumed to be measurable with respect to his/her own private information. This means that each agent only knows the atom of his/her partition including the true state, but cannot distinguish those states within the same atom when he/she makes decisions. In the literature, several equilibrium concepts have been introduced by economists. If each agent is considered a maximizer of his ex-ante expected utility function with respect to his/her prior, the resulting notion of a competitive equilibrium is called a *Walrasian expectations equilibrium* (WEE). If each agent is considered a maximizer of his/her Bayesian expected utility conditional with respect to the combined information of his/her private information and information generated by prices, the resulting notion of a competitive equilibrium is called a *Bayesian rational expectations equilibrium* (BREE). Furthermore, if each agent is considered a maximizer of his/her maximin expected utility with respect to the combined information of his/her private information and information generated by prices, the resulting notion of a competitive equilibrium is called a *maximin rational expectations equilibrium* (MREE).

What Professor Cao and his research collaborators are interested in this direction are whether each afore-mentioned type of equilibrium exists in a general economic model of Radner’s, and if they do exist, how they can be compared with other solution concepts (such as the private core proposed by N.C. Yannelis) as well as what economic properties they possess. In the past few years, Professor Cao has completed five research papers related to this research, four of which

have already been published by A* or A ranked journals, including *Economic Theory*, *Journal of Mathematical Economics* and *Journal of Mathematical Analysis and Applications*. In these papers, a problem posed by M. Pesce in 2010 on characterizations of the private core was completely solved, and a problem posed by de Castro et al. in 2013 on the existence of a BREE was also completely solved. In addition, a problem proposed by Herves–Beloso et al. was partially solved.

The afore-mentioned two research directions are closely related. In the formal area of theoretical economics, such as Equilibrium Analysis, it has become the norm to characterize an economic model as a system of sets, as a mapping, or even a measure. In this sense, the space of agents’ characteristics was firstly dealt with by W. Hildenbrand in 1970. Since then, various hyperspace topologies have been imposed by G. Debreu, B. Grodal, Y. Kannai and J. Mertens, et al. on the space of agents’ characteristics to study the stability of equilibrium points in the classical Arrow–Debreu deterministic economic model. However, how hyperspaces can be applied to study the stability of equilibrium points in a general economic model under ambiguity is still an open problem in modern economic theory. To tackle this problem, one probably needs to use a combination of tools from several areas of Mathematics, including Measure Theory, Convex Analysis, Set-Valued Analysis and Topology, etc. In 2014, Professor Jiling Cao was appointed a Min Jiang Scholar and Visiting Professor at Min Nan Normal University by the Department of Education of Fujian Province, China. Under this scheme, a three-year research project entitled *Analytical Topology and Applications to Modern Economic Theory*, led by Professor Jiling Cao has been awarded 300,000 Yuan. Professor Cao and his research team are looking forward to some new and exciting findings in these promising research areas.

LIGHT DETECTION AND RANGING

Contributed by Professor Philip Sallis

Photogrammetry is a remote sensing method familiar to most because we see the results of it often with reports of flooding, earthquakes or other natural disasters. Aircraft fly over areas of land and take photographs, which are then processed and analysed for changes to the earth's surface or objects on it such as vegetation or buildings. Data analysis from the images obtained used to be carried out manually using stereoscopic lenses but now most of this work is achieved through digital processing. Today, remote sensing is carried out for many reasons and often by using satellite mounted imaging technologies.

Another remote sensing instrument is known as LIDAR (Light Detection and Ranging), which employs light in the form of pulsed laser emissions to measure ranges (variable distances) to the Earth. The instrument combines a laser generator, a scanner and a specialized GPS (Global Positioning Satellite) device, and has built-in specialized software for data acquisition and signal processing. LIDAR instruments are mostly fitted to aircraft, which fly over an area to gather data that can populate topographic maps with features of land or objects. For this task a RED light is used for near-infrared *topographic* data acquisition. There is also a water-penetrating LIDAR with GREEN light beam for bathymetric identification of seafloor and riverbed elevations. LIDAR instruments are used for a variety of landform, land use, natural disaster, land or sea emergency and other applications.

Such LIDAR equipment is being utilised by Professor Philip Sallis and his research team in the *Instrumentation Research Group* of the School of Computer and Mathematical Sciences. Their work is related to using LIDAR technology and associated computational methods across a number of different application domains. The research includes agrometeorologic and atmospheric modelling with collaborators at the Universidad Católica del Maule in Chile and Ritsumeiken University in Japan. This work has spanned the past 6 years with wireless sensor network (WSN) telemetry devices being designed and built by the *Instrumentation Research Group* and deployed across nine countries for environment monitoring and data collection. These devices have been further modified for specific data acquisition purposes. Currently at AUT, a pest control project in association with the School of Art and Design and an object recognition project with the *Centre for Computer Vision* in the School of Engineering are new areas of the group's research and development.

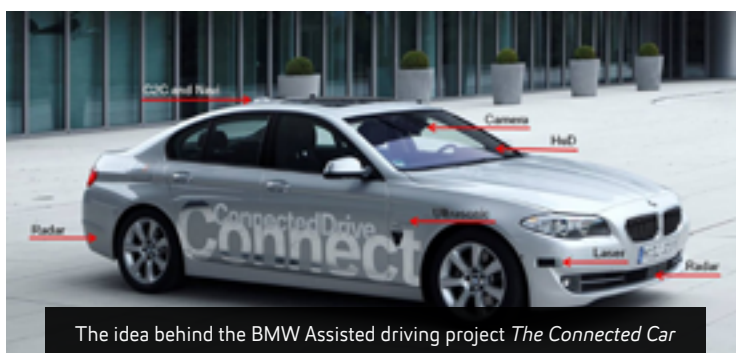
In partnership with *Objective Solutions GmbH*, a German software development company based in Munich and Frankfurt, Professor Sallis has been working with the *BMW Assisted Driving Research Group* as part of their autonomous vehicle and assisted driving project called *The Connected Car*. His work has related to in-journey weather condition

detection and analysis. This work employs cameras, radar and LIDAR technologies.

In November 2014, two representatives came from Germany to AUT and gave a public lecture describing this project. Some 120 participants from the automotive industry, government and scientific communities attended. The event was co-sponsored by AUT in conjunction with BMW in Munich and Auckland. One of the project engineers from Germany stayed on working at AUT for a month, which followed Philip spending a similar amount of time in Munich earlier in the year. Professor Sallis returns to Germany in 2015 to further his work with the project team and will spend time with them again while on sabbatical in 2016.

Part of the contribution made to the *Instrumentation Research Group* by their partners in Germany has been some LIDAR equipment and software. Together with Research Fellow Akbar Ghobakhlou and two Masters students Professor Sallis is experimenting with some novel moving object recognition techniques and pattern recognition algorithms for ill-formed objects, such as fog and clouds.

Understandably, much of the work in Germany is commercially sensitive. This has not prohibited the publication of some results, however, and one journal article and three papers in international conferences have been published so far. Another positive spin-off from this work is that Professor Sallis has been an external examiner for a PhD in this area (at Fern University in Hagen, Germany's large Open University of some 80,000 students) and is now appointed as second supervisor for another doctoral candidate.



SCHOOL OF ENGINEERING

NEW TECHNOLOGY ENABLES BETTER AND SMARTER HEALTHCARE DELIVERY

Contributed by Associated Professor Hamid GholamHosseini

Current research and development work of Associate Professor Hamid GholamHosseini combines areas of expertise such as remote patient monitoring, falls detection and falls risk assessment, diagnosis of melanoma from skin images, embedded and reconfigurable systems, tele olfactory systems and e-Health for applications related to smarter healthcare.

Dr. GholamHosseini's most recent research focuses on falls risk assessment and near misses detection and strives to address one of the greatest challenges facing healthcare providers worldwide. The rapid surge in the aging population numbers has caused a similar global increase in the incidence of falls and chronic diseases which are becoming a serious concern to the healthcare policy makers. There is a clear need for wearable and distributed healthcare monitoring systems, allowing smarter healthcare delivery to be put in place. Particularly accurate automated falls assessment and notification are required in residential facilities and hospitals to afford elderly patients greater freedom and confidence and to improve the health care provided by their care givers and doctors. Monitoring of changes and trends in health status can facilitate early intervention and prevent severe consequences. Furthermore, it is essential to reduce the number of fall incidences and associated healthcare costs. Thus, Dr. GholamHosseini in conjunction with his colleagues from engineering, health, rehabilitation, medicine, Waitemata District Health Board and other professional team members is refining an intelligent health monitoring system for falls risk assessment and near misses detection. An observational study was performed at North Shore and Waitakere Hospitals by installing a testing station using wireless sensors to collate patients' data and evaluate connectivity, acceptability, interoperability and performance. The findings compared favorably with other traditional fall risk monitoring and assessment systems. This proposed system aims to record events prior to falls and near misses and generate warnings to alert medical professionals or care givers when a patient's risk of fall is increasing. The system assesses fall risk by performing continuous multifactorial data collection and updating motion activities and vital signs information. A tablet-based version of the proposed monitoring system has been developed to facilitate medical device connectivity, text messaging and other forms of communication, accessing medical health records and other health information for patients and their care givers in a secure network.

Dr. GholamHosseini has also developed some other remote monitoring systems specifically designed as decision support systems to assist clinicians in their decisions making through a more rapid processing of patient information and thereby more efficient delivery of treatment. A prototype intelligent patient monitoring system for detecting hypovolaemia during anaesthesia was tested successfully at Auckland Hospital.

Dr. GholamHosseini has been also leading a project on intelligent medical image processing for the detection and diagnosis of melanoma from skin images. His team is currently working on computer aided diagnosis of skin lesion images for better detection and early diagnosis of melanoma in order to assist dermatologists and general practitioners in primary healthcare settings. The realization of an efficient handheld device for semi-automatic diagnosis of melanoma would greatly enhance the diagnosis of skin cancer and make it more accessible and affordable in clinical contexts. An interactive mole recognition methodology has been adopted for the segmentation of clinical skin lesion images. In addition, the performance of various supervised classifiers such as a support vector machine (SVM) and fuzzy logic classifiers are being investigated. This study has been performed by considering shape, colour and texture features of skin images to distinguish between melanoma and benign nevi. Currently Hamid's team is developing intelligent algorithms as well as high performance embedded systems for classifiers to improve reliability and diagnostic accuracy.

Associate Professor Hamid GholamHosseini has voluntarily held the Chapter Chair (NZ North Section) for the Institution of Electrical and Electronic Engineers (IEEE) Engineering in Medicine and Biology Society (EMBS), which is the world's largest member-based biomedical engineering professional organization.



A diagram of the Patient monitoring system

INNOVATION IN ACTION: REAL WORLD INTEGRATED WITH ACADEMIA

Contributed by Professor Stephen Henry

The AUT Centre for KODE Technology Innovation (KTI) within the School of Engineering grew out of the previous *Biotechnology Research Institute*. This centre undertakes both KODE Biotech led commercially orientated research and independent non-commercial KODE™ Technology research. The centre is headed by Professor Enrico Haemmerle and is rapidly growing; presently it has one professor (Steve Henry), two post-doctoral fellows, seven PhD students, plus two other postgraduate students, all working on KODE™ Technology related research projects, together with a global network of collaborators.

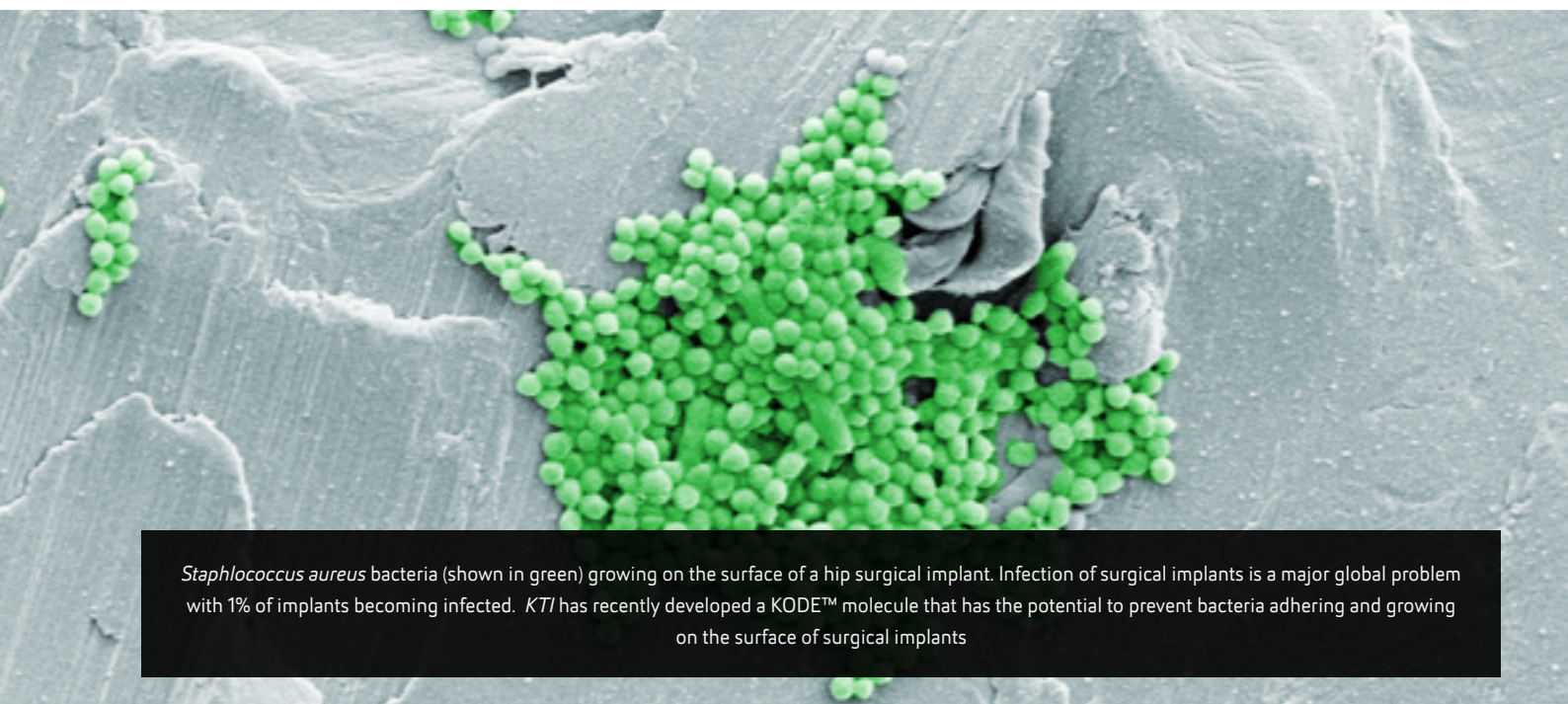
KTI is relatively unique, in that it has a very close symbiotic relationship with the company *KODE Biotech Ltd*, which concentrates on the commercialization of KODE™ Technology. As a consequence, postgraduate students within this centre not only do cutting-edge research, but they also learn about research in a commercial context and see innovation in action – that is, the conversion of research into reality.

After 12 years of research KODE™ Technology has developed into an advanced synthetic “biological paint”. Simple contact of a solution containing KODE™ molecules for just a few seconds to minutes can allow users to modify virtually any biological or non-biological surface with a novel biological or non-biological coating.

The ability to precisely control, manipulate and mimic biological surfaces and alter their properties is potentially one of the more important areas in the multi-trillion dollar life science industry. Modified natural and/or synthetic

biosurfaces have applications in diagnostics, biotherapeutics, tissue engineering, transplantation, immunology, oncology, drug delivery, biosensors, bioelectronics, anti-counterfeiting devices and research & development. KODE™ Technology has the potential to have a major impact in all these areas and KTI has plans to be a major player in this process. For an extensive overview of the technology and its uses the reader is referred to www.kodecyte.com.

Synthetic biological surfaces made using KODE™ Technology have already been applied effectively in a number of biomedical products including diagnostic assays (adding blood antigens onto cells), quality control systems (controlled levels of antigens), teaching/training systems (serology & immunology), and as an extensive range of research tools used for modification of cells, viruses, bacteria, organisms, solutions, aerosols, and surfaces. In 2014 the use of the technology expanded into therapeutics with two companies licensing the technology for use in cancer therapy. In addition to an increasing number of global licensees using the technology to develop a variety of different products, here in KTI we have also made substantial progress developing a range of new prototype KODE™ molecules. The new molecules can attach to almost any surface in seconds and prevent bacteria from growing on the surface – a sort of self-sterilising surface coating. These new molecules offer significant opportunities for developing new products aimed at wound care management and prevention of surgical implant infections, and are the focus of our research for the forth-coming year.



Staphylococcus aureus bacteria (shown in green) growing on the surface of a hip surgical implant. Infection of surgical implants is a major global problem with 1% of implants becoming infected. KTI has recently developed a KODE™ molecule that has the potential to prevent bacteria adhering and growing on the surface of surgical implants



A CONVERSATION WITH PROFESSOR THOMAS NEIZERT

Contributed by Anne French

A few years ago I was General Manager of the *Materials Accelerator*, a multi-million-dollar, multi-year research programme with eight partners, of which AUT was one. Thomas Neitzert was one of the project leads on a large collaborative R&D project with the innovative NZ construction exporter, FrameCad. Thomas's years of industrial experience came to the fore as we hammered out the parameters of the project with the company, and shaped up the research.

In 2013, the *Materials Accelerator* morphed into the *Product Accelerator*, with \$12.7 million new funding for another 6 years, and the unassuming Professor Neitzert is Deputy Director.

So who exactly is Thomas Neitzert?

Thomas's first degree was in Mechanical Engineering from the Technical University of Darmstadt. His PhD was in Manufacturing Engineering from the University of Stuttgart, in Germany's heavy industry belt. Stuttgart is focused primarily on engineering, since the region is home to large parts of the German automotive industry. It was here, in the 1880s, that Gottlieb Daimler built the first automobile and Robert Bosch opened his precision mechanics and electrical

engineering workshop. The city is home to Mercedes-Benz and Porsche, Mahle, and Bosch.

When the young Thomas Neitzert left the academic staff of Stuttgart University after five years in the *Institute of Metal Forming Technologies*, he went to the R&D department of Mercedes-Benz AG. He was Manager of the *Department of Car Body Simulations* at Mercedes when he was lured to New Zealand in 1990. His first job was Senior Research Engineer at *New Zealand Steel*, but after a year he had moved to *Fisher and Paykel Ltd*, where he spent nine years as *Engineering Manager* of the *Refrigeration Division*.

In 2001, he left industry for a greenfields challenge in academia, having been appointed Foundation Professor of Engineering in the brand new engineering department at the University of Waikato. He moved back to Auckland in 2005, joining AUT as Professor of Mechanical Engineering and Head of School. Since 2011 he has been Director of the *Engineering Research Institute*.

The Institute in its current form was established in 2011 to undertake research in advanced manufacturing, spanning a broad front, from additive manufacturing, industrial control,

signals and systems, and power engineering, to the urban built environment and industrial management. It brings together a large and productive research team, numbering 22 academic researchers (including the Director), and over 40 PhD students. External grant funding provides an income of more than \$1 m per annum. The Institute is well wired into national and international research networks, with around 30 research collaborations on the go and some distinguished associate researchers – in Germany, Spain, the US, Australia, and across the road at the University of Auckland.

I asked Thomas some questions about his research career, and especially about his insights into working in or with industry.

AF: What was it like working in R&D for a company that has set the global standard for automotive engineering for over a century?

TN: What I enjoyed most was the nearly unlimited access to funding and equipment to conduct a project.

AF: Your experience spans technology management, project management, product development, manufacturing technologies, materials science, and additive manufacturing. Would you have been able to work across such a wide front if you hadn't left Germany?

TN: The division of labour in Germany is deeper than in New Zealand and you can easily end up in a certain groove. Being a senior staff member would mean exposure to a number of research competencies. In my case, moving between academic and industrial R&D institutions has certainly added to my experience.

AF: *Fisher and Paykel* is an iconic New Zealand company. What did you bring to the company from your previous roles? And what did you learn?

TN: Although *F&P* is a big company by New Zealand standards, it just escapes the categorisation to be mid-sized by US standards. From my point of view, my experience working in a multi-national company and across many product platforms was helpful. For me *F&P* was actually the greatest learning environment for teamwork, working with the least amount of bureaucracy possible and avoiding the big company disease.

AF: You've been involved with some big, multi-year research programmes over the last decade. How do you get the best results out of that kind of big budget research, in terms of taking products to market and achieving a commercial return?

TN: Reflecting on success and failure I would say people come first. If the team-composition is not right, the best inventions have no chance. Having said that, a strong foundation in good science and engineering comes second. Well performing prototypes or failures early on in a project (learning what you have to learn) should be third. Lastly, and dare I say it as an engineer, a constant eye on the product and project costs are essential to not incur any surprises on the way.

AF: You've been involved with additive manufacturing for 20 years. How do you see it developing in the future?

TN: From my earliest involvements onwards, additive manufacturing has always been the technology of the future. My impression is, this time it is for real. I have just returned from the 43rd North American Manufacturing and Research Conference and I was surprised to see how much research effort is going into the development of this technology worldwide. Additive manufacturing is still easily oversold, but with the current improvements it is maturing fast.

AF: You have demonstrated that it is possible to move seamlessly from academia to industry and back again. Has it changed your perspective as a researcher?

TN: I cannot say it has changed my perspective as a researcher, although I have learnt a lot about the relational side of research apart from the hard core science. Having been in both camps enabled me to see the other side, to build bridges and to encourage my peers to do the same.

AF: *Science Challenge 10*, Science for Technological Innovation, aims to improve the flow of researchers and information between industry and academia, with joint appointments becoming more common. What advice would you give the Challenge on how to achieve that goal?

TN: I am a strong advocate of exchange and joint appointments. Usually activities that get rewarded get done. In this context I mean especially on the academic side, where it is necessary to recognise a, let's say, two-year successful secondment in industry as being like four journal publications in a CV and towards PBRF. New Zealand industry, on the other hand, should treat sabbaticals in academia favourably when it comes to salary negotiations or promotions. If we get a common understanding, the flow of people is important and worthwhile, then changes to our rewards structures should follow.

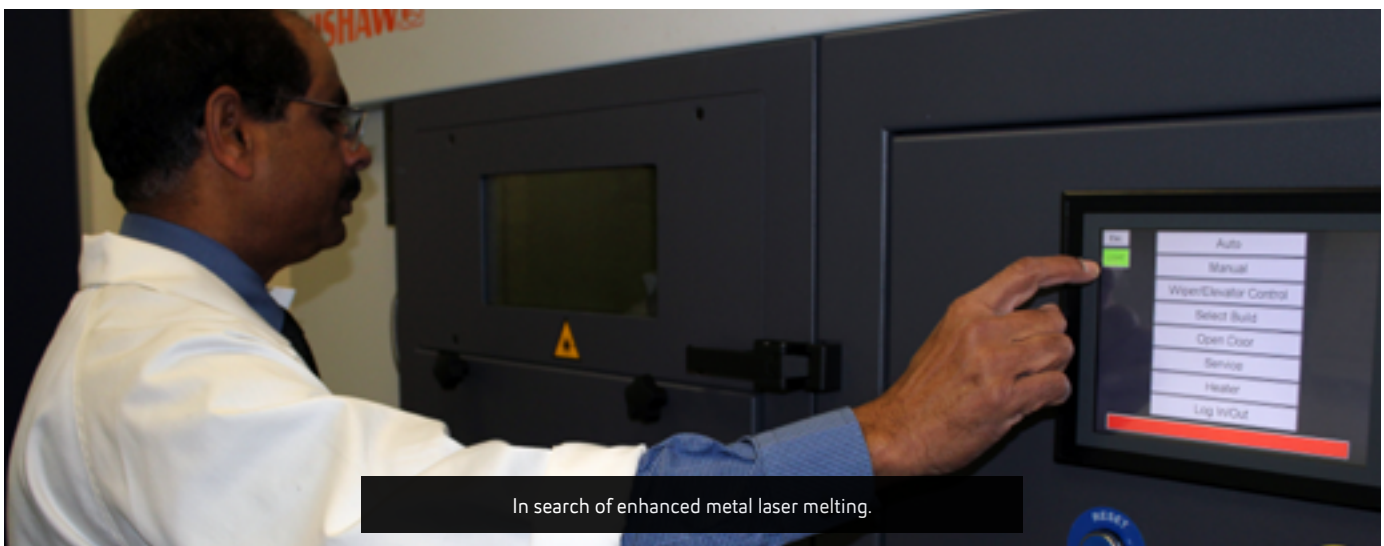
ADDITIVE MANUFACTURING AND 3D PRINTING: DIGITAL INDUSTRIAL REVOLUTIONS OR PASSING FADS?

Contributed by Associate Professor Sarat Singamneni

Point-by-point, line-by-line, and layer-by-layer manipulation and consolidation of materials in powder, filament, and other states based on light, heat, and other energy forms led to the tool-less and freeform fabrication realm, popularly known as 3D printing. The technology, encompassing around half a dozen commercially successful techniques has found wide applications in prototyping, medical modelling, and fabricating complex art forms. The twist in the tale of 3D printing evolved as research results indicated and led to possible applications in the direct digital manufacturing of engineered components. Being called as additive manufacturing, this envisions direct conversion of raw materials into end-use parts, based on computer generated models. Considering the billions spent around the world on tool making and the undue lead times shrouding traditional methods, additive manufacturing has emerged as a possible magical solution to numerous problems of the conventional era and some prefer to call it 'the industrial revolution of the digital age'. The time-to-market constraints constantly faced by manufacturing engineers would make this sound quite exhilarating, but the key question still is whether additive manufacturing truly survives the tests of time and delivers quality standards expected of high-end manufacturing. Associate Professor Sarat Singamneni's research at the AUT Additive Manufacturing Research Centre is focussed on finding answers to this question, exploring both the science and the solutions.

Point or line-wise material consolidation mechanisms typical of 3D printing result in internal defects and discontinuities, apart from surface irregularities. Highly localised heating and dynamic thermal fields resulting from continuously moving heat sources often cause unwanted internal material stressing. Commercial systems are always prohibitively expensive, offer no freedom, and materials options are limited and largely proprietary. These are aspects restraining

the evolution from prototyping to manufacturing and are currently drawing much research attention around the world. Dr Singamneni has continuously strived to develop research initiatives addressing all these issues and has kept AUT abreast of the competition building all around. While steering the AUT 3D printing lab towards being equipped with the state of the art facilities, the relatively lesser research freedom associated with expensive commercial systems is resolved through novel home-made systems. The fused deposition and laser sintering test beds developed in-house enable further research into alternative processing and materials approaches, apart from being central to funding successes and external collaborations. Curved, adaptive, and mixed layer solid slicing solutions have been developed and implemented that have drawn the wider research community's attention and sustained external collaborations with Crown Research Institutes such as Scion and GNS locally, and overseas universities such as the Indian Institute of Technology, Kharagpur, India and the University of San Diego, USA. The never ending quest for new material options has led to the successful invention of metal, ceramic, bio and nano polymer composite alternatives for additive manufacturing. The plaster based ceramic material alternative developed for 3D printing is currently offering economic solutions to some of the casting problems, while the invented PMMA based biopolymer composite is gradually proving to be a successful candidate for the bone replacement applications through 3D printing. The relentless search continues as the process and material alternatives already established are implemented to the benefit of the local industry and new challenges are taken up. 'Miles to go before ascertaining additive manufacturing to be truly revolutionary,' is what he says, but from his research experiences at AUT, Dr Singamneni believes that specific industry sectors are destined to go through radical changes.



In search of enhanced metal laser melting.

RESEARCH OUTPUTS

MASTER DEGREES 2014

ART AND DESIGN - MASTER OF ART AND DESIGN

Name	Date granted	ResearchTitle	Supervisor
Andrew Dempster	8/08/14	An intuitive confession: Revealing pain through the self-portrait	D. Jansen
Anne Louise Lohrentz	17/12/14	One Story to Another: A storytelling approach to fashion design	D. Fitchett
Aych McArdle	17/12/14	Transitional spaces: investigating the role of collaborative art practice in generating self-representational genderqueer narratives	A. Finn
Carmen Simmonds	8/08/14	The Playhouse: An investigation into remembering through glass	D. Fitchett
Danny Knox	17/12/14	Absurdity Online: Approaching Digital Absurdity through New Media and Drawing	D. Fitchett
Elise Cox	8/08/14	Seams to be made: Re-valuing an approach to garment construction	D. Fitchett
Jeremy Hanna	8/08/14	World Creation: Building an Alternate History	W. Ings
Jian Chen	8/08/14	Crazy Catch	G. Bennett
Jingwei Yi	8/08/14	Not Just Looking: Haptic intervention in graphic communication through the interplay between two- and three-dimensional forms	KT Ho
Joseph De Guzman	8/08/14	Aspire: A creative exploration of the short, lyrical documentary	W. Ings
Krittaka Gregory	8/08/14	One Perspective	A. Denton
Leanne Miller	8/08/14	The Visceral Metaphor: A contemplation of the invaded self	W. Ings
Nick Hayes	8/08/14	Asphalt to asphalt, bus to bus: enhancing urban transport between Auckland's public transport services	S. Reay
Nikki Zhao	8/08/14	Cross & Change	A. Douglas
Rich McCoy	8/08/14	Beyond branding: An exploration of vinyl transfers with new technology	S. Evans-Mikellis
Robbie Fraser	8/08/14	Blank Expression	A. Thomson
Sam Weston	8/08/14	The Social Brand	A. Young
Tom Turner	8/08/14	Social Sculpture and The Thirsting Millions: An exploration of utopian propositions.	P. Cullen
Zak Waipara	8/08/14	Otea: Transmission and Transmedia	A. Denton

ART AND DESIGN - MASTER OF PHILOSOPHY

Name	Date granted	ResearchTitle	Supervisor
Akil Joshua Kirlew	8/08/14	Video Art: Accelerationism and the Reification of Desire	M. O'Connor
Brenda Saris-Brandon	17/12/14	Senses and Sensibility: a human-centred branding strategy.	L. Yap
Brendon Sellar	8/08/14	Spectacle Architecture: Mangere Inlet as Post-Industrial Arena and Theatre for Renewal	A. Douglas
Derek Ventling	8/08/14	Illuminativa: The Coalescence of Light and Craft Thinking	W. Ings

Gerbrand van Melle	8/08/14	Sound Bites: Materialising the immaterial, sound and memory as intimate personal experience	W. Ings
Margreta Chance	8/08/14	The Cadaverous Presence: Holbein's dead Christ and Maw's suspended Upritchard	C. Braddock

COLAB - MASTER OF CREATIVE TECHNOLOGIES

Name	Date granted	ResearchTitle	Supervisor
Jonathan Jackman Butterworth	17/12/14	Aural Disjunction: An exploration of relationships between slow aural and visual media in film	P. Hoar
Judit Klein	17/12/14	Project Geostorm: Bridging the 'killer gap' by integrating developer and educator perspectives in the development of a tablet-based app for tertiary education	C. Walker
Maurice Van Cooten	8/08/14	Digital Mark Making	J. Charlton
Rudy Ceccato	17/12/14	The Spaces in Between	C. Watkins
Wenrui Dai	8/08/14	Theo: Marketing a micro-film of the experience of a Chinese immigrant in Auckland	G. Peters

COMMUNICATIONS - MASTER OF COMMUNICATION STUDIES

Name	Date granted	ResearchTitle	Supervisor
Anna Sazykina	17/12/14	Developing a method of embodying personal impressions about place in an image of the human face building on theories of humanistic geography, anthropomorphism, and physiognomy	M. Guinibert
Daniel Drageset	8/08/14	Is symmetrical communication in politics possible? A comparative study of communication practices among leading New Zealand and Norwegian political public relations practitioners	A. Gordon
Dev Capey	8/08/14	Voices from the margins: Political blogging in Papua New Guinea	P. Mules
Hans Tommy	8/08/14	Digital stepping stones : Exploring Pasifika students' uses and views of digital media and their effect on the transition to postsecondary education and employment.	C. Nakhid
Jason Brian Cox	8/08/14	Fly Global, Act Local: A study into the role of storytelling in the projection and construction of brand.	L. Piatti-Farnell
Larissa Ott	8/08/14	Reputation in danger: Social media crises of international organisations and public relations's communication strategies	P. Theunissen
Tracey Jury	17/12/14	A Crisis of Reputation in the Social Media Environment: A comparative analysis of the crisis communication strategies employed by Jetstar and Air New Zealand in a Severe Weather Event	K. Rahman

COMMUNICATIONS - MASTER OF PHILOSOPHY

Name	Date granted	ResearchTitle	Supervisor
David Hughes	8/08/14	Remediating reality: tracing social trauma as entertainment	P. Theunissen

COMPUTER AND MATHEMATICAL SCIENCES - MASTER OF COMPUTER AND INFORMATION SCIENCES

Name	Date granted	ResearchTitle	Supervisor
Ali Ibrahim A Alharbi	8/08/14	Do Cloud Applications Improve Learning Management Process: User's Perspective	A. Litchfield
Aljuhara Alshubaily	8/08/14	Staff Perceptions of a Telemedicine Intensive Care Unit Programme in Saudi Arabia	D. Parry
Amrita Paul	8/08/14	Effect of Imbalanced Data on Document Classification Algorithms	P. Nand
Asra Rahimi	8/08/14	Developing an Android application to help parents keep their children motivated for learning	K. Petrova
Chikonga Maimbo	17/12/14	Exploring the applicability of SEIM technology in IT Security	K. Petrova
Chutiwan Rakjit	8/08/14	Energy Efficient Scheduling Manager for cloud-based mobile applications	W. Liu
Fadi Alhaddadin	17/12/14	A new policy-based network management framework for dependable and efficient cloud computing	W. Liu
Junhao Li	17/12/14	Tour Navigation: A Cloud Based Tourist Navigation System	S. Tegginmath
Steve Huynh	8/08/14	Towards Semantic Web: Current XML resources conversion and RFID employment	D. Parry
Sverre Fagerland	17/12/14	Computerised tanker cargo operation	R. Wellington
Trieu Phong Chiem	17/12/14	A Study of Penetration Testing Tools and Approaches	WQ Yan
Wei Cui	17/12/14	A Scheme of Human Face Recognition in Complex Environments	WQ Yan

COMPUTER AND MATHEMATICAL SCIENCES - MASTER OF FORENSIC INFORMATION TECHNOLOGY

Name	Date granted	ResearchTitle	Supervisor
Daniel Fraser	8/08/14	A Hash Based Technique for the Identification of Objectionable Imagery	B. Cusack
David Huang	8/08/14	Evidential Problems with GPS Accuracy: Device Testing	B. Cusack
Jay Uchiyama	8/08/14	Establishing Professional Guidelines for SSD Forensics: A Case Study	B. Cusack
Nick Robinson	8/08/14	Investigating evidence produced by online session spoofing: the Xbox 360	B. Cusack
Sultan Bandr K Almutairi	17/12/14	Forensic analysis of a Botnet System: Architecture and Capabilities	B. Cusack

Tingting Goh	8/08/14	Challenges In Windows 8 Operating Systems For Digital Forensic Investigations	B. Cusack
Wei Li	8/08/14	Anti-Forensic Digital Investigation For Unauthorised Intrusion On a Network A Case Study	B. Cusack
Yao Lu	8/08/14	Investigating Steganography in Audio Stream for Network Forensic Investigations: Detection & Extraction	B. Cusack
Zhuang Tian	8/08/14	Digital Forensics in The Cloud: Encrypted Data Evidence Tracking	B. Cusack

COMPUTER AND MATHEMATICAL SCIENCES - MASTER OF HEALTH SCIENCE

Name	Date granted	Research Title	Supervisor
Sally Britnell	8/08/14	Using mobile technology in weight estimation for paediatric resuscitation	D. Parry

COMPUTER AND MATHEMATICAL SCIENCES - MASTER OF PHILOSOPHY

Name	Date granted	Research Title	Supervisor
Jing Jiang	17/12/14	Trust Mining and Analysis in Complex Systems	Q. Bai
Ofosehene Okofrobou Apenteng	8/08/14	Modelling the spread of infectious diseases with AIDS transmission as an interesting case study	A. Narayanan
Sara Zandi	8/08/14	GeoComputational Methods for Surface and Fields Data Interpolation.	P. Sallis
Tsung-Chun Tsai	17/12/14	A Fuzzy Ontology Approach to Coding Clinical Notes: with a Web-based Crowdsourcing Concept System	D. Parry
Yulia Turkova	17/12/14	Feasibility analysis of using neucube 3D SNN Environment for Spatio-temporal EEG Data Classification related to Perception of Art	N. Kasabov

ENGINEERING - MASTER OF PHILOSOPHY

Name	Date granted	Research Title	Supervisor
Juan Nemecio Vilches Tapia	17/12/14	The Development of Novel Infil Materials for Composite Structural Assemblies.	T. Neitzert
Yuting Zhu	8/08/14	Wirless Sensor Techonology for Collecting Surface Electomyography Signals.	J. Kilby

PHD COMPLETIONS 2014

ART AND DESIGN

Name	Date granted	Thesis title	Supervisor
Azadeh Emadi	17/12/14	Motion within motion: Investigating digital video in light of Substantial Motion	T. Engels-Schwarzpaul
Jennifer Nikolai	17/12/14	The Camera-Dancer Dyad: A critical, practical dialogue of virtual and live studio methodologies	J. Bryant
Marcia Lyons	8/08/14	Open Limit: Field as Witness	C. Braddock
Mark Hanlen	17/12/14	CITY/STATE Foucault Urbanism & Risk	M. Jackson
Peter Gilderdale	8/08/14	"Hands Across the Sea" situating an Edwardian greetings postcard practice	T. Engels-Schwarzpaul
Ratanachote Thienmongkol	8/08/14	Using information design and human-centred approaches to create navigation systems for new urban transport systems in Khon Kaen city, Thailand	M. Waring
Suzie Gorodi	17/12/14	Performance Art and the Prosthetic	C. Braddock

COMMUNICATION STUDIES

Name	Date granted	Thesis title	Supervisor
Rukhsana Aslam	17/12/14	The role of media in conflict: Integrating peace journalism in the journalism curriculum	D. Robie

COMPUTER AND MATHEMATICAL SCIENCES

Name	Date granted	Thesis title	Supervisor
Enobong Bassey	17/12/14	Development and Characterisation of Metal Oxide Gas Sensors	P. Sallis
Frank Huang	17/12/14	Real Options Games with Stochastic Volatility	J. Cao
Fuad Baloch	8/08/14	Theorising The Internet and Its Governance.	B. Cusack
Issam Jebreen	8/08/14	Packaged Software Implementation Requirements Engineering by Small Software Enterprises: An Ethnographic Study	R. Wellington
Mee Loong Yang	17/12/14	An Authenticated Key Agreement Scheme For Sensor Networks	W. (A.) Yeap
Richard Liu	17/12/14	Intelligent collision detection and avoidance techniques for autonomous agents	A. Narayanan
Seth Hall	17/12/14	GPU Accelerated Feature Algorithms for Mobile Devices	A. Ensor
TheAnh Do	8/08/14	Goal-oriented Dynamic Test Generation	A. Fong
Zati Hakim Azizul Hasan	17/12/14	Robot Mapping without a Precise Map	W. (A.) Yeap

ENGINEERING

Name	Date granted	Thesis title	Supervisor
Arrian Prince-Pike	17/12/14	An Experimental and Modelling Investigation of Wet Oxidation of Municipal Biosolids	DI Wilson
Bin Huang	17/12/14	Alternate Slicing and Deposition Strategies for Fused Deposition Modelling	S. Singamneni
Don Amila Sajeevan Samarasinghe	17/12/14	Building Materials Supply Chains: An Evaluative Study of the New Zealand Residential Construction	J. Tookey
John Prince	17/12/14	An Investigation into Bicycle Performance and Design	A. Al-Jumaily
Jonathan Currie	8/08/14	Practical applications of industrial optimization: from high-speed embedded controllers to large discrete utility systems	DI Wilson
Mee Loong Yang	17/12/14	An Authenticated Key Agreement Scheme For Sensor Networks	A. Al-Anbuky
Miguel Jose Jo Avila	8/08/14	An Investigation of the Dynamic Response of Airway Smooth Muscle in Sensitized Animal Models	A. Al-jumaily
Mirza Baig	17/12/14	Smart Vital Signs Monitoring and Novel Falls Prediction System for Older Adults	H. Gholam Hosseini
Nargis Afroj	17/12/14	An Investigation Into Using Regenerated Cellulose-Based Electro-Conductive Composites for Actuation and Drug Delivery	A. Al-Jumaily
Nimesha Parana Palliye Guruge	17/12/14	Generating Value in Alliance Contracts through the Lean concept	T. Neitzert
Noreen Imran	8/08/14	Image and Video Watermarking for Wireless Multimedia Sensor Networks	BC Seet
Sivadass Thiruchelvam	8/08/14	A Novel Development of a Strategic Sourcing Supplier Selection for Capital Equipment (S4 - CapEq) Decision-Making Framework: A Case Study of a Government-Linked Company in Malaysia	J. Tookey
Yang Liu	17/12/14	A Cross-Layer Design for Sensor-based Ambient Intelligence Systems	BC Seet
Zimran Rafique	17/12/14	Wavelet based OFDM with V-BLAST Virtual MIMO for Wireless Multimedia Sensor Networks	BC Seet

STAFF PUBLICATIONS

ART & DESIGN

ALAN YOUNG

Publication Type	Citation
Journal article – Article	Young, A. & Gray, B. (2014). Enlarging the Therapeutic Space: Using focus groups to determine the wider impact of digital storytelling by women who live with HIV. <i>Australian and New Zealand Journal of Art Therapy</i> , 9(1), 29-40. Retrieved from: https://www.anzata.org/anzjat/
Journal article – Editorial Comment	de Freitas, N. A., Young, A., & Bill, A. (2014). Re/materialising Design Education Futures. <i>Studies in Material Thinking</i> , 11, Retrieved from: https://www.materialthinking.org/current

AMANDA BILL

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Reay, S. D., Inder, S., Bill, A., Charlton, N., & Zampollo, F. (2014). CRAFTING PRODUCT DESIGN: DESIGNING CRAFT BACK INTO A PRODUCT DESIGN UNDERGRADUATE DEGREE PROGRAMME [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. <i>DesignEd Asia Conference 2014. Action!–Doing Design Education</i> , Design Ed Asia. (pp. 243–251). Hong Kong.
Journal article – Editorial Comment	de Freitas, N. A., Young, A., & Bill, A. (2014). Re/materialising Design Education Futures. <i>Studies in Material Thinking</i> , 11, Retrieved from: https://www.materialthinking.org/current

AMANDA SMITH

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Smith, A. E., Fraser, G., & Kalyanji, J. (2014). 3D Knitted Preforms and Collaborative Approaches to Practice. Paper presented at the Transition: Re-Thinking Textiles and Surfaces. Huddersfield University, Huddersfield, UK.
Oral presentation	Smith, A. E. (2014, January). A career in fashion and textile design. Presented at the Grand Pacific Hotel, Suva, Fiji.
Journal article – Article	Smith, A. E. (2014). Past, Present and Future: A haptic approach to mass-production seamless knitwear technologies. <i>Making Futures Journal</i> , 3, 1-10. Retrieved from: http://www.plymouthart.ac.uk/research/making-futures/
Conference contribution – Oral Presentation – Paper Presentation	Smith, A. E. & Kalyanji, J. (2014). Adding Value Through New Approaches to 3D Knitted Preforms. Paper presented at the 43rd Textile Research Symposium. Lincoln Research Centre, Christchurch, New Zealand.
Conference contribution – Published Abstract	van Melle,, G. & Marks, S. (2014). Frozen Waves: Exploring the transformation between sound and object [Abstract]. In M. Smitheram,, A. Smith,, F. Joseph, & J. Hamon,. <i>Shapeshifting – A Conference on the Transformative Paradigms in Fashion and Textile Design</i> , Shapeshifting 2014. (pp. 42–43). Auckland, New Zealand.
Conference contribution – Oral Presentation – Paper Presentation	Smith, A. E., Joseph, F., & Kalyaji, J. (2014). New Dimensions in Knit Design. Paper presented at the 16th Annual IFFTI Conference: The Power of Fashion. Bunka Gakuen, Tokyo, Japan.
Conference contribution – Oral Presentation – Paper Presentation	Smith, A. E. (2014). Crafting the Digital: A Wabi-Sabi influence on seamless knit technologies. Paper presented at the Transition: Re-Thinking Textiles and Surfaces Conference. Huddersfield University, UK, Huddersfield, UK.
Oral presentation	Smith, A. E. & Rome, K. (2014, January). SRIF Diabetic Sock project. Presented at the AUT University, WG 126, Sir Paul Reeves Building, AUT University Corner Mayoral Drive/Governor Fitzroy Place Auckland City.
Oral presentation	Smith, A. E. (2014, January). Designing Identities. Presented at the FNU University, Suva, Fiji.
Conference contribution – Published Abstract	Smith, A. E. (2014). Harnessing the Haptic in Mass-production Seamless Knitwear Technologies [Abstract]. 8th International Conference on Design Principles and Practices and the Design Principles and Practices Knowledge Community. Retrieved from: http://designprinciplesandpractices.com/the-conference/program-and-events/list-of-accepted-proposals
Exhibition	Smith, A. E., Kalyanji, J., & Fraser, G. (2014). 3-D Knit Transformations [three dimensional knitted wool; 4].A. E. Smith, M. Smitheram & N. Hugain-Lacire (Curators). One oh Eight Gallery, Ironbank Building 150 Karangahape Road, Auckland. New Zeland: Shapeshifting Exhibition, 17 April-17 April.

ANDREAS MIKELLIS

Publication Type	Citation
Oral presentation	Mikellis, A. M. (2014, January). Selling Dreams; 100 Years of fashion Photography. Presented at the Auckland Museum, Auckland New Zealand.

ANDREW DENTON

Publication Type	Citation
Performance	Reay, S. D., Moran, B., Waters, S., & Denton, A. (2014, May). Live performance of original compositions by Avoid! Avoid with Live Mix Video Projection Art Performer and Composer of original material [Music and Live Mix Video Projection Art]. 4 Poynton Terrace, Auckland 1010: Audio Foundation.
Conference contribution – Workshops or Panel Presentation	Denton, A. B. (2014). Eco Urgencies in Places. Presented at the The Anthropocene: and Writers in Critical Dialogue with Nature and Ecosystems. ANU, Canberra.
Performance	Denton, B. (Producer), Denton, (Director). (2014, May). Aspects of Trees: Live Performance at the Audio Foundation [Other]. Auckland: Audio Foundation.

ANDREW WITHELL

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Withell, A. J. & Haigh, N. (2014). Optimising design thinking expertise development [Abstract]. In T. Jachna T, E. McLafferty & S. Tzvetanova Yung. Action!–Doing Design Education, Design Education DesignEd Asia Conference 2014. Retrieved from: http://www.designedasia.com/

ANGELA FINN

Publication Type	Citation
Thesis / Dissertation – Doctoral Thesis	Finn, A. L. (2014). Designing fashion: an exploration of practitioner research within the university environment (Unpublished Doctoral Thesis). Australia: Queensland University of Technology.
Journal article – Article	Finn, A. L. (2014). The dressmaker's mark. <i>Clothing Cultures</i> , 1(3), 321-324.
Chapter or section in books	Finn, A. & Fraser, K. (2014). Fake Remake: The role of the luxury fashion market in driving sustainable fashion practices. In M. Gardetti & A. Torres (Eds.), <i>Sustainable Luxury: Managing Social and Environmental Performance in Iconic Brands</i> (pp. 28-42). Sheffield, U.K.: Greenleaf Publishing.

ASH AHKIT

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Ahkit, A. (2014). Realising Publics. Paper presented at the Engaging Publics: Public Engagement. Auckland Art Gallery, Auckland.

BEN KENOBI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. Action!–Doing Design Education, DesignEd Asia Conference 2014. Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf
Conference contribution – Paper Published in Proceedings	Gavin, J., Kenobi, B., & Connor, A. M. (2014). Social Play Spaces for Active Community Engagement [Abstract]. In K. Nesbitt & K. Blackmore. The 10th Australasian Conference on Interactive Entertainment, The 10th Australasian Conference on Interactive Entertainment. Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377

CHRISTOPHER BRADDOCK

Publication Type	Citation
Conference contribution – Oral Presentation – Keynote	Braddock, C. G. (2014). How has performance influenced Visual arts? [Keynote]. Presented at the 2014 ANZAAE art educator conference – “Te Aho I Muri Nei – Supporting Innovation”. AUT University, Auckland, New Zealand.
Oral presentation	Braddock, C. G. (2014, January). Stations of Presence. Presented at the the church of St Alban the Martyr, Balmoral, Auckland, Balmoral, Auckland.

DAVID SINFIELD

Publication Type	Citation
Journal article – Article, Review	Sinfield, D. (2014). Memento mori: a consideration of colloquial gods: Review of the exhibition WhoShot Rock & Roll? Auckland Art Gallery Toi O Tamaki. Sage Journals: Visual Communication, 13(2), 257–262. Retrieved from: http://www.sagepublications.com/
Conference contribution – Poster Presentation	Sinfield, D. (2014). The Importance of ePortfolios: Teaching Graphic Design through an ePortfolio environment both in and out of the classroom environment. Poster presented at the ePIC Evidence Based Learning (ePortfolio and Identity Conference). University of Greenwich, Greenwich, London UK.
Journal article – Article	Sinfield, D. (2014). The Semiotics of Business Signage: How Typography is Used in Impoverished and Deprived Areas of New Zealand. The International Journal of the Image, 4(4), 25–32. Retrieved from: http://www.commongroundpublishing.com/
Conference contribution – Oral Presentation – Paper Presentation	Sinfield, D. (2014). Beyond the classroom: An investigation into eLearning to create a blended eLearning environment. Paper presented at the 2014 International Higher Education Teaching and Learning Conference. Hilton International Conference, Anchorage, Alaska, USA, Anchorage, Alaska, USA.
Conference contribution – Oral Presentation – Paper Presentation	Sinfield, D. (2014). Moodle Me: An ePortfolio community of learning for the graphic design student. Paper presented at the ePIC Evidence Based Learning (ePortfolio and Identity Conference). University of Greenwich, Greenwich, London UK.
Report – Commissioned	Sinfield, D., Fulljames, D. T., Manthei, D. M., Loni, B., Mann, M., Benevides, H., & Dorfman, D. E. (2014). NZQA Evaluation Report – Bachelor of Design and Arts (with majors in Visual Arts, Graphic Design and Textiles/ Fashion Design), UCOL, Whanganui, New Zealand (Reported No. C17444). New Zealand: NZQA.
Report – Commissioned	Sinfield, D., Cozens, S., Denton, A., Tavares, T., Mace, D., Kofoed, J., & Zhang, D. (2014). NZQA Evaluation Report – Bachelor of Animation (with majors in Story and Character; World-Building and Visual Effects; Interactive Media and Games) Bachelor of Animation (Honours) (with majors in Story and Character; World-Building and Visual Effects; Interactive Media and Games), Animation College, Auckland, New Zealand (Reported No. C16174).

DIENEKE JANSEN

Publication Type	Citation
Oral presentation	Jansen, D. (2014, January). Occupying Community. Presented at the Q Theatre, Auckland.
Oral presentation	Jansen, D. (2014, January). Community, Land and The Rights of Housing. Presented at the Kunci Cultural Centre, Jogjakarta, Indonesia.
Chapter or section in books	Jansen, D. (2014). 164–170 Hobsonville, 11 March 2014. (pp. 81–82). Hamilton: Ramp Press.

EDEN POTTER

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Potter, E. J. & Sarrot, R. (2014). Country of origin, design of place: a study of New Zealand's national brand and its impact on exporting businesses. Paper presented at the AGIdeas: Design for Business. Melbourne Arts Centre, Melbourne, Australia.
Conference contribution – Paper Published in Proceedings	Potter, E. J. (2014). 'You need to research your subject so you know the subject well, and your users so you know what they need'. Teaching graphic design using information design principles [Abstract]. In S. G. Coutinho, M. Moura, S. B. Campello, S. B. Cadena & S. Almeida. 6th Information Design International Conference, 5th InfoDesign, 6th CONGIC, 6th Information Design International Conference, 5th InfoDesign, 6th CONGIC., 1(2), (pp. 466–478). Retrieved from: http://www.proceedings.blucher.com.br/article-details/you-need-to-research-your-subject-so-you-know-the-subject-well-and-your-users-so-you-know-what-they-need-teaching-graphic-design-using-information

FIONA AMUNDSEN

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Amundsen, F. J. (2014). See You at Yasukuni. Paper presented at the ST PAUL St Gallery 2014 Curatorial Symposium In practice: models of cultural exchange and reciprocity. Auckland Art Gallery, Auckland.
Exhibition	Amundsen, F. J. (2014). Open Studio 2014 [Photography; 20x Digital Inkjet Photographs and text, variable sizes]. Imamura (Curator). Tokyo, Japan: Tokyo Wondersite, 22 March–22 March.
Exhibition	Amundsen, F. J. (2014). Summoning Souls [Photography; Six 1000x800mm Inkjet Photographs]. McNamara (Curator). Whanganui: McNamara Gallery, 31 December–31 December.

Exhibition	Amundsen, F. J. (2014). Pequod: Fiona Amundsen, Peter Robinson, Luke Willis Thompson [Photography; Four 1000x800mm Inkjet Photographs]. D. Mossman & S. Hopkinson (Curators). Auckland: Hopkinson Mossman, 21 December–21 December.
------------	---

FLEUR PALMER

Publication Type	Citation
Conference contribution – Workshops or Panel Presentation	Palmer, F., Perkins, N., & Titchener, A. (2014). How to support students/staff with varying abilities in te reo/tikanga. Presented at the Manaakitia mo ngā Tauira Māori: Supporting Māori Students in Built Environment. School of Architecture, Victoria University, Victoria University, Wellington.

FRANCESCA ZAMPOLLO

Publication Type	Citation
Journal article – Article	Wansink, B., Zampollo, F., Camps, G., & Shimizu, M. (2014). Biting versus chewing: eating style and social aggression in children. <i>Eating Behaviors</i> , 15(2), 311–313. doi: 10.1016/j.eatbeh.2014.03.013
Exhibition	Zampollo, F. (2014). In Search of Meaningful Food [Video installation]. Bologna, Italy: Oltredimore art gallery, 29 November–29 November.
Oral presentation	Zampollo, F. (2014, January). Food Design Thinking. Presented at the Disfruta Disegno, Bogota', Colombia.
Oral presentation	Zampollo, F. (2014, January). I can innovate. But How?. Presented at the Lideres Academicos Project. Evening Talk, Queretaro, Mexico.
Conference contribution – Paper Published in Proceedings	Reay, S. D., Inder, S., Bill, A., Charlton, N., & Zampollo, F. (2014). CRAFTING PRODUCT DESIGN: DESIGNING CRAFT BACK INTO A PRODUCT DESIGN UNDERGRADUATE DEGREE PROGRAMME [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. <i>DesignEd Asia Conference 2014. Action!–Doing Design Education</i> , Design Ed Asia. (pp. 243–251). Hong Kong.

GERBRAND VAN MELLE

Publication Type	Citation
Thesis / Dissertation – Master's Thesis/ Postgraduate Dissertation	Van Melle, G. (2014). Sound Bites, materialising the immaterial: Sound and memory as intimate personal experience (Unpublished Master's Thesis/Postgraduate Dissertation). St Paul St: AUT University.
Exhibition	van Melle, G. & Marks, S. (2014). PUA at St Paul Street Gallery [Interactive Projection]. S. Foster & A. Yates (Curators). Auckland, New Zealand: St Paul Street Gallery, 4 December–4 December.
Artwork or artefact	van Melle, G. & Marks, S. (2014). Background Visuals for the AUT Rookie 2014 Fashion Show [Software; 1]. Auckland, New Zealand.
Other form of output	Van Melle, G. (2014). Uncoated 2014 – Beyond pre-set and research driven. Retrieved from: http://www.designassembly.org.nz/articles/uncoated-2014-beyond-pre-set-research-driven
Design output	van Melle, G. (2014). Dreamy McFloat [Projected Motion Graphic Design]. Auckland, NZ: New Zealand Dance Company.
Other form of output	Van Melle, G. (2014). IncrediblyEdge. What design does, not what it is.. Retrieved from: http://www.designassembly.org.nz/articles/incrediblyedge-what-design-does-not-what-it-is
Conference contribution – Oral Presentation – Keynote	Van Melle, G. (2014). Sound Bites, materialising the immaterial: Sound and memory as an intimate personal experience [Keynote]. The Mind Lab, Auckland, NZ, Incredible Edge 2014.
Other form of output	Van Melle, G. (2014). "I'm in a constant evolutionary mode". Retrieved from: http://www.designassembly.org.nz/articles/im-constant-evolutionary-mode
Design output	Van Melle, G. (2014). Shapeshifting 2014 Conference Identity Design, implementation in screen based and print strategies. Auckland, NZ: AUT University.
Conference contribution – Published Abstract	van Melle, G. & Marks, S. (2014). Frozen Waves: Exploring the transformation between sound and object [Abstract]. In M. Smitheram, A. Smith, F. Joseph, & J. Hamon, Shapeshifting – A Conference on the Transformative Paradigms in Fashion and Textile Design, Shapeshifting 2014. (pp. 42–43). Auckland, New Zealand.
Oral presentation	Van Melle, G. (2014, January). Sound Bites. Presented at the Exchange: Art + Design Postgraduate Symposium, AUT University, Auckland, NZ.
Oral presentation	Van Melle, G. (2014, January). Transmodular Design and Transmedia Narratives. Presented at the TEDxUtrecht, Stadsschouwburg Utrecht, The Netherlands.

Other form of output	Van Melle, G. (2014). It's not the logo, but it's the logo. Retrieved from: http://www.designassembly.org.nz/articles/its-not-the-logo-but-its-the-logo
----------------------	---

GJOKO MURATOVSKI

Publication Type	Citation
Book – Edited Book	Joseph H Hancock, I. I., Muratovski, G., Manlow, V., & Pierson-Smith, A. (2014). <i>Global Fashion Brands: History, Luxury & Contemporary Style</i> . 295. Bristol / Chicago: Intellect / University of Chicago Press.
Chapter or section in books	Muratovski, G. (2014). Design Research: Past and Future – A Conversation with Dan Formosa. In Muratovski (Ed.), <i>Design for Business: Volume 2</i> (pp. 196-207). Bristol / Chicago: Intellect / University of Chicago Press.
Book – Edited Book	Muratovski, G., Barnes,, C. .., Bassani,, J. .., & Wragg,, N. .. (2014). <i>Red Thread: Navigating the Labyrinth of Contemporary Communication Design</i> . Retrieved from: http://www.idnworld.com/
Chapter or section in books	Muratovski, G. (2014). Nike and the London 2012 Olympics – A Conversation with Quan Payne (Part 2). In Muratovski (Ed.), <i>Design for Business: Volume 2</i> (pp. 100-107). Bristol / Chicago: Intellect / University of Chicago Press.
Chapter or section in books	Hancock, J. H. I. I., Muratovski, G., Manlow, V., & Peirson-Smith, A. (2014). <i>Global Fashion Brands: History, Luxury & Contemporary Style</i> . In I. I. Joseph H Hancock, G. Muratovski, V. Manlow & A. Pierson-Smith (Eds.), <i>Global Fashion Brands: History, Luxury & Contemporary Style</i> (pp. xi-xvi). Bristol / Chicago: Intellect / University of Chicago Press.
Other form of output	Muratovski, G. (2014). A Critical Reflection on City Branding (Part 2) – Architecture and Branding [Online]. http://designonline.org.au/content/a-critical-reflection-on-city-branding-architecture-and-branding-emerging-city-brands/ Design Online: Asia Pacific Design Library.
Chapter or section in books	Muratovski, G. (2014). Design Matters: An Introduction. In Muratovski (Ed.), <i>Design for Business: Volume 2</i> (pp. 12-15). Bristol / Chicago: Intellect / University of Chicago Press.
Chapter or section in books	Muratovski, G. (2014). Nike and the London 2012 Olympics – A Conversation with Quan Payne (Part 1). In Muratovski (Ed.), <i>Design for Business: Volume 2</i> (pp. 94-99). Bristol / Chicago: Intellect / University of Chicago Press.
Journal article – Article	Muratovski, G. (2014). Built Environments and National Identities. <i>The International Journal of Architectonic, Spatial, and Environmental Design</i> , 8(1), 43-52.
Other form of output	Muratovski, G. (2014). A Critical Reflection on City Branding (Part 4) – The Socio-Cultural Approach [Online]. http://designonline.org.au/content/a-critical-reflection-on-city-branding-the-socio-cultural-approach/ Design Online: Asia Pacific Design Library.
Conference contribution – Oral Presentation – Paper Presentation	Muratovski, G. (2014). The Burden of Ethics: The Use of Design and Architecture as Political Propaganda. Paper presented at the 5th Annual Popular Culture Association of Australia and New Zealand Conference., Grand Chancellor Hotel, Hobart, Australia.
Other form of output	Petersen, S. & Muratovski, G. (2014). How Sustainable Luxury Can Save The Planet [Online]. http://www.huffingtonpost.com/soren-petersen/how-sustainable-luxury-ca_b_6118512.html USA: The Huffington Post.
Other form of output	Muratovski, G. (2014). <i>The Practice of Design</i> [Catalogue]. Shift: Auckland University of Technology.
Chapter or section in books	Muratovski, G. (2014). Sustainable Consumption: Luxury Branding as a Catalyst for Social Change. In M. Á. Gardetti & A. L. Torres (Eds.), <i>Sustainable Luxury: Managing Social and Environmental Performance in Iconic Brands</i> (pp. 68-79). Sheffield: Greenleaf Publications.
Conference contribution – Oral Presentation – Paper Presentation	Muratovski, G. (2014). Contemporary Propaganda: The Persuasive Power of Branding and Communication Design. Paper presented at the Popular Culture Association / American Culture Association Annual Conference. Marriot Hotel, Magnificent Mile, Chicago, USA.
Other form of output	Muratovski, G. (2014). A Critical Reflection on City Branding (Part 1) – The City as a Brand [Online]. http://designonline.org.au/content/a-critical-reflection-on-city-branding-the-city-as-a-brand/ Design Online: Asia Pacific Design Library.
Chapter or section in books	Muratovski, G. (2014). Ambush Marketing: Nike and the 2012 London Olympic Games. In Muratovski (Ed.), <i>Design for Business: Volume 2</i> (pp. 82-93). Bristol / Chicago: Intellect / University of Chicago Press.
Conference contribution – Oral Presentation – Paper Presentation	Muratovski, G. & Petersen, S. (2014). Gamification in Design. Paper presented at the Design for Busienss. ACME, Melbourne, Australia.
Conference contribution – Oral Presentation – Paper Presentation	Muratovski, G. (2014). Symbols of Change: Built Environments and National Identities. Paper presented at the 8th International Conference on Design Principles and Practices. University of British Columbia, Toronto, Canada.

Other form of output	Muratovski, G. (2014). A Critical Reflection on City Branding (Part 5) – Final Thoughts [Online]. http://designonline.org.au/content/a-critical-reflection-on-city-branding-final-thoughts/ Design Online: Asia Pacific Design Library.
Other form of output	Muratovski, G. (2014). The New Design [Magazine]. <i>Stemme</i> , (1), 48–49. Retrieved from: http://stemme.co.nz/
Other form of output	Muratovski, G. (2014). A Critical Reflection on City Branding (Part 3) – The Problems of City Branding. [Online]. http://designonline.org.au/content/a-critical-reflection-on-city-branding-the-problems-of-city-branding/ Design Online: Asia Pacific Design Library.
Conference contribution – Paper Published in Proceedings	Muratovski, G. (2014). The burden of ethics: the use of design and architecture as political propaganda [Abstract]. 5th Annual Conference Popular Culture Association of Australia and New Zealand (PopCAANZ). (pp. 45–53). Retrieved from: http://popcaanz.com/conference-proceedings/conference-proceedings-2014/
Book – Edited Book	Muratovski, G. (2014). <i>Design for Business: Volume 2</i> . 211. Bristol / Chicago: Intellect / University of Chicago Press.
Chapter or section in books	Luck, E., Muratovski, G., & Hedley, L. (2014). Co-branding Strategies for Luxury Fashion Brands: Missoni for Target. In I. I. Joseph H Hancock, G. Muratovski, V. Manlow & A. Pierson-Smith (Eds.), <i>Global Fashion Brands: History, Luxury & Contemporary Style</i> (pp. 41–56). Bristol / Chicago: Intellect / University of Chicago Press.
Other form of output	Muratovski, G. (2014). The Utopian City and its Demise: Skopje 1964 – 2014 [Online]. http://designonline.org.au/content/the-utopian-city-and-its-demise-skopje-1964-2014/ : Design Online Brisbane, Australia: Asia Pacific Design Library.

GREGORY BENNETT

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Bennett, G. (2014). Art Practice in the Digital Realm. Paper presented at the ANZAAE Art Educator Conference 2014 (Aotearoa New Zealand Association of Art Educators). AUT University, AUT University, Auckland, New Zealand.
Exhibition	Bennett, G. W. (2014). 'ReConstellation', New Media Group Show, Prak-sis n3w M3dia Art Festival, Chicago, USA. [Single channel HD video; 1 x HD video, (14:15 minutes, looped)]. S. Fu, T. Jojima & N. Walsh (Curators). 845 W. Washington Blvd, 4th floor, Chicago, USA: Prak-sis n3w M3dia Art Festival, 1 August–1 August.
Exhibition	Bennett, G. (2014). 'Perceptions of Space: Justin Collection', group exhibition at the Glen Eira City Council Gallery, Melbourne, Australia. [Single channel HD video and digital print; 1 x HD video (9:15 minutes looped), and 1 x digital print (1828 x 1219mm)]. Soumilas (Curator). Melbourne, Australia: Glen Eira City Council Gallery, 15 June–15 June.
Conference contribution – Workshops or Panel Presentation	Bennett, G. (2014). 3D Motion Capture Workshop. Presented at the ANZAAE Art Educator Conference 2014 (Aotearoa New Zealand Association of Art Educators). AUT University, AUT University, Auckland, New Zealand.
Exhibition	Bennett, G. (2014). 'Phantom City', group exhibition at the Rotorua Museum, Rotorua, New Zealand. [Single channel HD video; 1 x HD video, (8:50 minutes, looped)]. Chitham (Curator). Rotorua, New Zealand: Rotorua Museum, 7 September–7 September.
Oral presentation	Bennett, G. (2014, January). Artist Talk for 'ReConstellation', New Media Group Show, Prak-sis n3w M3dia Art Festival, Chicago, USA. Presented at the Prak-sis n3w M3dia Art Festival, Chicago Corporate Photography and Video, 845 W. Washington 4th floor, Chicago, USA.
Exhibition	Bennett, G. (2014). 'Currents 2014', group exhibition at the Santa Fe International New Media Festival, Santa Fe, New Mexico, USA [Single channel HD video; 1 x HD video, (14:15 minutes, looped)]. F. Ragano & M. Amster (Curators). Santa Fe, New Mexico, USA: El Museo Cultural de Santa Fe, 29 June–29 June.
Exhibition	Bennett, G. (2014). SIMULTAN Festival #10, Annual Festival for Video, Media Art, Exploratory Music and Sound, Timisoara, Romania [Single channel HD video; 1 x HD video, (8:50 minutes, looped)]. Whitehead (Curator). Timisoara, Romania: SIMULTAN Festival #10, Annual Festival for Video, Media Art, Exploratory Music and Sound, 11 October–11 October.

IAN JERVIS

Publication Type	Citation
Exhibition	Jervis, I. H. (2014). Where is the image? [Paintings in oil on canvas; Eight works: variously 10x12cm – 125x120cm]. 39 Symonds St. Auckland: St. Paul St. Gallery 3, 26 November–26 November.

JANINE RANDERSON

Publication Type	Citation
Performance	Denton, A., Randerson, J., Bennett, G., & Nikolai, J. (Producers), Nikolai, J., Randerson, J., & Esteves, J. (Directors). (2014, May). Mediating Performance Systems Workshop/Performance/Panel Discussion [Dance Choreography]. New Zealand: WG Performance Space.
Exhibition	Randerson, J. (2014). Until It Runs Out (portal) version II [large-scale projection mapping piece; one]. Old Mangere Bridge: Holcim Concrete Silos, 30 November–30 November.
Oral presentation	Randerson, J., Neale, A., McDowell, C., & Moriarty, A. (2014, January). Neighbourhood Air In 'Data + Visualisation Meetup'. Presented at the Colab, Sir Paul Reeves Building, level 11, New Zealand.
Exhibition	Randerson, J. (2014). Studio 360 [Video installation; one]. J. Morgan (Curator). Upstairs 89 Grey Street Gisborne 4010 New Zealand: PAUL NACHE gallery, 29 March–29 March.
Oral presentation	Randerson, J., Randerson, J., Menzies, M., Amundsen, F., & Chua, E. J. (2014, January). Panel Discussion: Other Waters screening programme. Presented at the WG126 AUT University, Auckland.
Oral presentation	Randerson, J. & Yates, A. (2014, January). Engaging Publics, Art, Ecologies and the Urban Environment. Presented at the Auckland Art Gallery, Auckland.
Exhibition	Randerson, J. (2014). Until It Runs Out [Video installation, 16mm archival film transferred to HD video; 1800 x 250mm]. Pakuranga: Te Tuhi
Oral presentation	Randerson, J. (2014, January). There in Black and White: Jeena Shin's Motus. Presented at the Two Rooms Gallery, New Zealand.

JASON KENNEDY

Publication Type	Citation
Journal article – Article	Kennedy, J. (2014). Create a Detailed Model for 3D Printing. <i>3D World</i> , (183), 68–71. Future Publishing.
Conference contribution – Oral Presentation – Plenary	Kennedy, J. (2014). Honesty & Exaggeration: Best Practices When Acting for Animation Reference [Plenary]. Presented at the ANZAAE Conference 2014. Auckland University of Technology, Auckland, New Zealand.
Conference contribution – Oral Presentation – Plenary	Kennedy, J. (2014). Into the Void: Preparing Actors and Directors for Motion Capture [Plenary]. Presented at the Animation Revelations 2014. Auckland University of Technology, Auckland, New Zealand.

KIM FRASER

Publication Type	Citation
Chapter or section in books	Finn, A. & Fraser, K. (2014). Fake Remake: The role of the luxury fashion market in driving sustainable fashion practices. In M. Gardetti & A. Torres (Eds.), <i>Sustainable Luxury: Managing Social and Environmental Performance in Iconic Brands</i> (pp. 28–42). Sheffield, U.K.: Greenleaf Publishing.
Conference contribution – Oral Presentation – Paper Presentation	Fraser, K. & Cleveland, D. (2014). Perspectives on Sustainable Fashion Practices within a New Zealand university. Paper presented at the 10th International Conference on Environmental, Cultural, Economic and Social Sustainability. University of Split, Split, Croatia.

KING HO

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	de Freitas, N. A., Ho, K. T., Martin, R., & Rakena, T. O. (2014). Permeable boundaries and flexible identity: the dynamics of the artistic self vs. the others' expectations. [Abstract]. ACUADS CONFERENCE 2014. Melbourne.
Conference contribution – Workshops or Panel Presentation	Ho, K. T., Ho, K. T., Wong, L. S., Sew Hoy, K., Chan, S., Earle, L., & Grace, N. (2014). SS Ventnor – The Call of The Ancestors. Presented at the Diverse Bananas, Global Dragons International Conference. Level O, Owen G Glenn Building, The University of Auckland Business School.
Exhibition	Ho, K. T. (2014). SS Ventnor – The Call of The Ancestors [Photographic Digital Print; 5000mm x 600mm long scroll / 1 pc]. Owen G Glenn Building: The University of Auckland Business School, 1 June–1 June.
Conference contribution – Published Abstract	de Freitas, N. A., Ho, K. T., Rakena, T. O., & Martin, R. (2014). The dichotomy and the in-between: Pacific and Eastern perspectives on the challenge of globalised aesthetic. [Abstract]. LOCATION/AESTHETICS – 13th Biennial Conference of the European League of Institutes of the Arts. Glasgow, Scotland.
Exhibition	Ho, K. T. (2014). China in Thirty Years [Photographic Digital Print; 5000mm x 600mm long scroll / 1 pc]. 217 Green Lane West, Greenlane, Auckland 1051: ASB Showgrounds, 18 January–18 January.

Conference contribution – Oral Presentation – Paper Presentation	Ho, K. T. (2014). PhotoTalk: A Dialogue through the Chinese Couplet Way. Paper presented at the Fifth International Conference on The Image. Seminaris Campushotel Berlin, Berlin, Germany.
Conference contribution – Oral Presentation – Paper Presentation	Ho, K. T. (2014). On not saying no: Approaching the culturally unfamiliar in art and design communication. Paper presented at the 2014 ANZAAE art educator conference. WG Block, AUT University.

LESLEY KAISER

Publication Type	Citation
Exhibition	Kaiser, L. J. (2014). ART and BOOK: Against the Odds [Mixed media; Seven Bookworks – The Naughty Nineties: A Pop-up Book (1981); Screen Dreams: A Pop-Up Book (1985); Discourse of Circles (De-phallogocentricise) (1988); Not Broadcast Quality (1990); The River Sticks (1994); Post Art [suitcase] (2008)]. Stupples (Curator). Reigo St, Dunedin, New Zealand: Dunedin School of Art, P152, 20 October–20 October.
Conference contribution – Published Abstract	Kaiser, L. J. (2014). Multimodal Books in a Tertiary Context: Bridging the Gap between Traditional Book Arts and New Technologies. [Abstract]. International Conference on the Book. Retrieved from: http://booksandpublishing.com/the-conference-2014/program-and-events/list-of-accepted-proposals
Conference contribution – Poster Presentation	Kaiser, L. & Spooner, H. (2014). InDesign DPS publication for iPads: Introducing an eBook Elective into tertiary Graphic Design.. Poster presented at the Learning and Teaching at AUT University. WG AUT University, Auckland, New Zealand.
Conference contribution – Published Abstract	Kaiser, L. J. (2014). The Naughty Nineties movable book prototype (1981), and the paper-engineering roll-on effect in tertiary teaching [Abstract]. Art and Book Symposium. Retrieved from: http://artandbook.org/abstracts/
Conference contribution – Oral Presentation – Paper Presentation	Kaiser, L. J. (2014). 'Multimodal books in a tertiary context: Bridging the gap between traditional book arts and new technologies'. ABC conference.. Paper presented at the Inside/Outside: a case for the book. WA 224. AUT University, Auckland, New Zealand.

LOGAN AUSTIN

Publication Type	Citation
Oral presentation	Austin, L. (2014, January). SkiNZ "Patience": Personal Narratives of Identity within Gay Leather Culture. Presented at the Sapienza University of Rome, Rome, Italy.
Design output	Austin, L. (2014). The Food Den: Mobile Catering [Computer design and printing]. http://www.thefoodden.co.nz/ .
Oral presentation	Austin, L. P. (2014, January). My Journey from Skeptic to Ninja. Presented at the Online Webinar through Google Hangout, run by TomCochrane, Archived at - https://mail.google.com/mail/u/0/?tab=wm#inbox/149f3147da179c9f .

MARIA O'CONNOR

Publication Type	Citation
Artwork or artefact	O'Connor, M. (2014). Dark Light [Digital Video; 74 minutes]. Auckland: Dark Horse Productions.
Chapter or section in books	O'Connor, M. (2014). 'Posed Solitude: A Poetics of Community' (forthcoming). In E. Grierson, H. Edquist & H. Fricot (Eds.), Designing Design: Cartographies of Theory and Practice (forthcoming 2012) Lexington Press of Roman & Littlefield.
Oral presentation	O'Connor, M. T. S. & O'Connor, M. (2014, January). Tony Manero / Larrain. Presented at the AUT University, WG404; WG126 & WE240, Govenor Fitzroy Place, Auckland, CBD.
Conference contribution – Workshops or Panel Presentation	O'Connor, M. T. S. (2014). What is Performance-Philosophy?. Presented at the Colloque International Theatre Performance Philosophie. Universite Paris-Sorbonne, Paris.
Conference contribution – Workshops or Panel Presentation	O'Connor, M. T. S. & O'Connor, M. (2014). Animal Encounters: Roundtable and Responses. Presented at the Animal Encounters: Performance, Animality & Posthumanism. Roehampton University, Drama Department Roehampton University.
Conference contribution – Published Abstract	O'Connor, M. T. S. & O'Connor, M. (2014). Dark Light: Opening Scenes to Childhood Worlding [Abstract]. In Martin-Jones. Dark Light: Opening Scenes to Childhood Worlding, Film-Philosophy Conference: A World of Cinemas. Film and Media Studies, University of Glasgow.
Exhibition	O'Connor, M. T. S. & O'Connor, M. (2014). Ecce Equus [Video Installation; 8]. C. Huddleston & A. Cunnane (Curators). 39 Symonds Street: St Paul Street Gallery Three, 26 December–26 December.
Chapter or section in books	O'Connor, M. T. S. (2014). Unconditional Aesthetics –Crossings of Ethics, Film and Literature., Volume One, (pp. 11-12). AUT University.

MARK JACKSON

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Jackson, M. L. (2014). Neither Light Nor Language. Paper presented at the Animal Encounters: Performance, Animality and Posthumanism. Roehampton University, London, U.K.
Conference contribution – Oral Presentation – Paper Presentation	Jackson, M. L. (2014). Drive Time. Paper presented at the Centre for Lacanian Analysis Symposium 2014. Rationalist House, University of Auckland, Auckland NZ.

MATTHEW GUINIBERT

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Cochrane, T., Antonczak, L., Guinibert, M., & Mulrennan, D. (2014). Developing a mobile social media framework for creative pedagogies [Abstract]. In I. Sanchez & P. Isaias. Proceedings of the 10th International Conference on Mobile Learning, 10th International Conference on Mobile Learning. Retrieved from: http://www.mlearning-conf.org/
Conference contribution – Paper Published in Proceedings	Cochrane, T., Antonczak, L., & Guinibert, M. (2014). Designing Transformative Learning Environments [Abstract]. In J. MacDonald & B. Hegarty. Rhetoric and Reality, proceedings of the 31st Ascilite Conference, Rhetoric and Reality: Critical perspectives on educational technology, the 31st Ascilite Conference. (pp. 31-41). Retrieved from: https://app.box.com/s/016cdyv8dq1pp0yhp1vw/1/2704865198/23032570490/1
Chapter or section in books	Cochrane, T., Guinibert, M., Simeti, C., Brannigan, R., & Kala, A. (2014). Mobile Social Media as a Catalyst for Collaborative Curriculum Redesign. In J. Keengwe & M. Maxfield (Eds.), <i>Advancing Higher Education with Mobile Learning Technologies: Cases, Trends, and Inquiry-Based Methods</i> (pp. 1-21). Hershey, Pasadena: IGI Global.

MONIQUE JANSEN

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Jansen, M. H. (2014). Printmaking as a Form of Mechanised Drawing. Paper presented at the Te Aho i Muri Nei – Supporting Innovation: Aotearoa New Zealand Association of Art Educators 2014 Conference.. AUT University, 55 Wellesley St E, Auckland 1010.
Conference contribution – Workshops or Panel Presentation	Jansen, M. H. (2014). Printmaking as a Form of Mechanised Drawing. Presented at the Te Aho i Muri Nei – Supporting Innovation: Aotearoa New Zealand Association of Art Educators 2014 Conference.. AUT University, 55 Wellesley St E, Auckland 1010.
Exhibition	Jansen, M. H. (2014). Crosshatching: Lonnie Hutchinson, Monique Jansen & Peter Trevelyan [pencil on paper; 1. A4 Folding 1, 2014 pencil on paper, framed, 630 x 500 x 30 mm 2. A4 Folding 3, 2014 pencil on paper, framed, 630 x 500 x 30 mm 3. Accordion Fold, 2014 pencil on paper, framed, 630 x 500 x 30 mm 4. A4 Folding 2, 2014 pencil on paper, framed, 630 x 500 x 30 mm]. Bartley (Curator). Wellington, New Zealand: Bartley + Company Art Gallery, 6 September–6 September.

MONIQUE REDMOND

Publication Type	Citation
Exhibition	Redmond, M., Eccleston, T., & Suburban Floral, A. (2014). Park for a Day for MAKE BELIEVE (Imagining a new park for New Lynn)—Suburban Floral Association [Installation in large commercial alternative exhibition space; Durational event-based work]. Waghorn (Curator). New Lynn, Auckland: 1 McCrae Way, 3 May–3 May.
Exhibition	Redmond, M., Stockman, H., Schroder, M., Rundle, D., Prisk, J., Stankovich, K., & Dryburgh, K. (2014). Irregular Allotments, ALLOTTED BREAK(S)—Public Share collective [Event; socially engaged art; 102 mugs (Te Atatu Peninsula motorway site clay), Morning tea (catering), Installation]. Stanhope (Curator). Te Atatu Peninsula, Auckland: Fulton Hogan's SH16 Northwestern Motorway construction site/ Engaging Publics symposium, Auckland Art Gallery, 29 October–29 October.
Exhibition	Redmond, M. & Waerea, L. (2014). "Public Service" for Public Good #2 [Event-based project; Poster/Flyer for social art project.]. Paton (Curator). Publication: Public Good #2, 7 January–7 January.
Exhibition	Redmond, M. (2014). The Outdoor Room. Photographic work: "A year of drivebys" [Photograph; digital print on matt with archival laminate on back; 1/ 1100 x 1500mm]. Wilson (Curator). Stratford, New Zealand: Percy Thomson Gallery, 21 December–21 December.
Conference contribution – Oral Presentation – Paper Presentation	Redmond, M., Grieve, F., & Grieve, K. (2014). Copy Left; Distributing and Sharing Visual Arts resources. Paper presented at the Te Aho i Muri Nei 2014 ANZAAE conference. AUT University, Auckland, New Zealand.

Exhibition	Redmond, M., Eccleston, T., & Suburban Floral, A. (2014). THE FLORAL SHOW LOCAL EXOTIC [Installation Event-based Exhibition project – six weeks; 5 installation phases, 5 moving image works, 1 commissioned video documentary, 4 workshops/events and a public programme].Craig-Smith (Curator). Otara, South Auckland: Fresh Gallery Otara, 16 July–16 July.
Exhibition	Redmond, M., Stockman, H., Schroder, M., Rundle, D., Prisk, J., Stankovich, K., & Dryburgh, K. (2014). A break in proceedings, ALLOTTED BREAK(S) / Engaging Publics symposium—Public Share collective [Event-based conference paper; socially engaged art; 110 ceramic plates (Te Atatu Peninsula motorway site clay), Morning tea (catering), Installation].Z. Stanhope, S. Cleland & D. AUT Art & (Curators). Auckland, New Zealand: Engaging Publics/Public Engagement symposium, Auckland Art Gallery, 13 September–13 September.
Chapter or section in books	Redmond, M. (2014). Project 4: Transforming Topographies for The Lab Book. In Waghorn (Ed.), The Lab: At The 5th Auckland Triennial 2013 (pp. 56–69). Auckland, New Zealand: School of Architecture and Planning, National Institute of Creative Arts and Industries, the University of Auckland, and Auckland Art Gallery Toi o Tamaki.
Conference contribution – Oral Presentation – Paper Presentation	Redmond, M., Eccleston, T., & Suburban Floral, A. (2014). Suburban Floral Reciprocity in the Space of Display. Paper presented at the Engaging Publics/Public Engagement symposium. Auckland Art Gallery, Auckland, New Zealand.

NANCY DE FREITAS

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	de Freitas, N. A. (2014). When Design is not a Science [Abstract]. In F. Teresa & S. João. What's on: cultural diversity, social engagement and shifting education, 2014 CUMULUS conference: What's on: cultural diversity, social engagement and shifting education. (pp. 483–493). Retrieved from: http://cumulusaveiro2014.web.ua.pt/wp-content/uploads/2014/12/CAV14_00.pdf
Oral presentation	de Freitas, N. A. (2014, January). Focussed forms of writing. Presented at the Swedish School of Textiles, University of Borås, Room: Gallery, Level 1, Borås, Sweden.
Oral presentation	de Freitas, N. A. (2014, January). Artistic Research, Material Thinking and Design Conversations. Presented at the Swedish School of Textiles, University of Borås, Room: Gallery, Level 1, Borås, Sweden.
Journal article – Article	de Freitas, N. A. & Lowry, S. (2014). Project Anywhere: art, peer review and alternative approaches to validation at the outermost limits of location-specificity. Artleaks Gazette, Vol 2, 111–123. Retrieved from: http://artleaks.files.wordpress.com/2014/06/artleaks_gazette_2_w.pdf
Journal article – Editorial Comment	de Freitas, N. A., Young, A., & Bill, A. (2014). Re/materialising Design Education Futures. Studies in Material Thinking, 11, Retrieved from: https://www.materialthinking.org/current
Conference contribution – Published Abstract	de Freitas, N. A., Ho, K. T., Rakena, T. O., & Martin, R. (2014). The dichotomy and the in-between: Pacific and Eastern perspectives on the challenge of globalised aesthetic. [Abstract]. LOCATION/AESTHETICS – 13th Biennial Conference of the European League of Institutes of the Arts. Glasgow, Scotland.
Oral presentation	de Freitas, N. A. (2014, January). Prewriting strategies for early stage studio/research integration. Presented at the Swedish School of Textiles, University of Borås, Borås, Sweden.
Conference contribution – Paper Published in Proceedings	de Freitas, N. A., Ho, K. T., Martin, R., & Rakena, T. O. (2014). Permeable boundaries and flexible identity: the dynamics of the artistic self vs. the others' expectations. [Abstract]. ACUADS CONFERENCE 2014. Melbourne.
Oral presentation	de Freitas, N. A. (2014, January). Discerning the forms of Artistic/Design Research Communication. Presented at the Swedish School of Textiles, University of Borås, Room: Gallery, Level 1, Borås, Sweden.

NATALIE ROBERTSON

Publication Type	Citation
Exhibition	Robertson, N., Graham, C., Kelly, P., Sameshima, H., & Laird, T. (2014). The Kauri Project: Poster Series [Photography; 1].C. McBride & A. Craig-Smith (Curators). New Lynn, Auckland: Lopdell House, 9 June–9 June.
Conference contribution – Oral Presentation – Paper Presentation	Robertson, N. & Ellis, N. (2014). Sex and Power in Maori Carving. Paper presented at the 2014 World Indigenous Peoples Conference on Education (WiPC:E). Kapiolani Community College, Honolulu, Hawaii, USA..
Exhibition	Robertson, N. (2014). Te Ahikāroa: Home Fires Burning [Photography; 15].Douglas (Curator). Gisborne: Tairawhiti Museum, 17 August–17 August.
Other form of output	Robertson, N. (2014). Kauri ki uta, Kauri ki tai.
Conference contribution – Oral Presentation – Paper Presentation	Robertson, N. (2014). Food, water and shelter: Fundamental sites of exchange. Paper presented at the ST PAUL St Gallery 2014 Curatorial Symposium In practice: models of cultural exchange and reciprocity. Auckland Art Gallery, Auckland, New Zealand.

Conference contribution – Oral Presentation – Paper Presentation	Robertson, N. (2014). Visual Feasts – Photographic narratives of belonging.. Paper presented at the 2014 World Indigenous Peoples Conference on Education (WiPC:E). Kapiolani Community College, Honolulu, Hawaii, USA.
Other form of output	Robertson, N. A. (2014). Te Ahikāroa: Home Fires Burning [Exhibition catalogue essay]. 6–11. University of California Davis: C.N. Gorman Museum, UC Davis, California.
Exhibition	Robertson, N. (2014). Te Ahikāroa: Home Fires Burning [22 Large Inkjet Photographic Prints; 22]. Passalacqua (Curator). University of California, Davis, California, USA.: C.N. Gorman Museum, 15 December–15 December.

NICHOLAS CHARLTON

Publication Type	Citation
Journal article – Article	Charlton, N. B. (2014). Hi Tech, Old Tech. <i>Ceramics Technical</i> , 20(1), 102–107. Retrieved from: http://www.ceramicart.com.au/

PAUL CULLEN

Publication Type	Citation
Artwork or artefact	Cullen, P. (2014). Reconstructivist Head [Book covers, meccano, electric motor; On sculptural work: 400 x 250 x 300]. Palmerston North, New Zealand: Te Manawa, Museum of Art, Science and History.
Exhibition	Cullen, P., Bunkley, B., Guy, N., Ford, J., & Heinz, F. (2014). Floor [Plywood, card table, steel, concrete, collapsible campbed-base; one: 2m x 1.4m x 1m high]. R. Ford (Curator). Hawker Street, Wellington: The Young Gallery, 8 March–8 March.

PETER GILDERDALE

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Gilderdale, P. D. (2014). Prints of peace: Elihu Burritt and the graphics of reform. Paper presented at the Design for War and Peace: 2014 Design History Society Annual Conference. Department of Continuing Education, University of Oxford, UK.
Thesis / Dissertation – Doctoral Thesis	Gilderdale, P. D. (2014). Hands Across the Sea: Situating an Edwardian Greetings Postcard Practice (Unpublished Doctoral Thesis). i–626. Wellesley St, Auckland: Auckland University of Technology.

RACHELLE MOORE

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Moore, R. (2014). Changing the Face of Practice Based Knitwear Education. Ca' Foscari University, Venice.
Journal article – Article	Moore, R. (2014). Changing the face of practice based knitwear education. <i>International Journal of Teaching and Education</i> , 3(2), 447–453. Retrieved from: http://www.universitypublications.net/jte/0302/index.html

SHANE INDER

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Reay, S. D., Inder, S., Bill, A., Charlton, N., & Zampollo, F. (2014). CRAFTING PRODUCT DESIGN: DESIGNING CRAFT BACK INTO A PRODUCT DESIGN UNDERGRADUATE DEGREE PROGRAMME [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. <i>DesignEd Asia Conference 2014. Action!–Doing Design Education, Design Ed Asia</i> . (pp. 243–251). Hong Kong.
Conference contribution – Paper Published in Proceedings	Inder, S. & Reay, S. (2014). PRACTICE-BASED AND MATERIAL FOCUSED: A CRAFT APPROACH TO TEACHING DESIGN INTUITION [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. <i>DesignEd Asia Conference 2014. Action!–Doing Design Education, Design Ed Asia</i> . (pp. 252–260). Hong Kong.

SIMON CLARK

Publication Type	Citation
Exhibition	Clark, S. J. (2014). Knitting Patterns [Oil on Board; Thirteen works Measurements Frame: 610 x 610 x 45 mm, Painting: 460 x 460 mm Medium Oil, gold and silver leaf on board]. Higgenson (Curator). 18 Dowling St Dunedin: Milford Galleries, 27 December–27 December.

SIMON MCINTYRE

Publication Type	Citation
Exhibition	McIntyre, S. (2014). Now you see it [Various including acrylic on canvas and paper; 4 pieces. 305mm x 305mm, 325mm x 425mm, 325mm x 425mm, 400mm x 215mm]. Auckland: Tim Melville Gallery, 20 December–20 December.

Exhibition	McIntyre, S. (2014). Three Colours White [Acrylic on canvas; 1 x 600mm x 600mm]. Auckland: Tim Melville Gallery, 23 August–23 August.
------------	---

STEPHEN REAY

Publication Type	Citation
Performance	Reay, S. D., Waters, S., & Moran, B. (2014, March). Live performance of original compositions by Avoid! Avoid. Performer and Composer of original material [Music]. Auckland: Lucha Lounge.
Conference contribution – Paper Published in Proceedings	Reay, S. D., Inder, S., Bill, A., Charlton, N., & Zampollo, F. (2014). CRAFTING PRODUCT DESIGN: DESIGNING CRAFT BACK INTO A PRODUCT DESIGN UNDERGRADUATE DEGREE PROGRAMME [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. DesignEd Asia Conference 2014. Action!–Doing Design Education, Design Ed Asia. (pp. 243–251). Hong Kong.
Conference contribution – Published Abstract	Reay, S. D., Parbhu, N., Godbold, R., & Diesfeld, K. (2014). Negotiating ethical challenges for design thinking led projects in paediatric clinical environments [Abstract]. New Zealand Bioethics Conference. Dunedin, New Zealand.
Conference contribution – Oral Presentation – Paper Presentation	Reay, S. D. (2014). Advancing design with digital technologies. Paper presented at the 3D Printing the body inside and out. Griffith University, Gold Coast Campus, Australia.
Performance	Reay, S. D., Water, S., & Moran, B. (2014, February). Live performance of original compositions by Avoid! Avoid. Performer and Composer of original material [Music]. Auckland: Wine Cellar.
Conference contribution – Paper Published in Proceedings	Inder, S. & Reay, S. (2014). PRACTICE-BASED AND MATERIAL FOCUSED: A CRAFT APPROACH TO TEACHING DESIGN INTUITION [Abstract]. In T. Jachna, E. McLafferty & S. Tzvetanova Yung. DesignEd Asia Conference 2014. Action!–Doing Design Education, Design Ed Asia. (pp. 252–260). Hong Kong.
Performance	Reay, S. D., Waters, S., & Moran, B. (2014, March). Live performance of original compositions by Avoid! Avoid. Performer and Composer of original material [Music]. Auckland: Golden Dawn.
Performance	Reay, S. D., Moran, B., & Waters, S. (2014, November). Live performance of original compositions by Avoid! Avoid for Nowhere Festival, Audio Foundation. Performer and Composer of original material [Music]. 4 Poynton Tce Auckland: Audio Foundation.
Performance	Reay, S. D., Moran, B., & Waters, S. (2014, September). Live performance of original compositions by Avoid! Avoid. Performer and Composer of original material [Music]. Auckland: Wine Cellar.
Performance	Reay, S. D., Moran, B., Waters, S., & Denton, A. (2014, May). Live performance of original compositions by Avoid! Avoid with Live Mix Video Projection Art Performer and Composer of original material [Music and Live Mix Video Projection Art]. 4 Poynton Terrace, Auckland 1010: Audio Foundation.

SUSAN HEDGES

Publication Type	Citation
Conference contribution – Published Abstract	Hedges, S. (2014). The Escaping Surface [Abstract]. SITUATION Symposium 2014: situating practices and research. Retrieved from: http://www.situation14.com/

TINA ENGELS-SCHWARZPAUL

Publication Type	Citation
Chapter or section in books	Engels-Schwarzpaul, A. -. C. (2014). Cosmopolitan Outlook: Opening Doors and Letting Learn. In Lazaroiu (Ed.), <i>Liber amicorum: A Philosophical Conversation among Friends. A Festschrift for Michael A. Peters (Readings in Contemporary Philosophy)</i> (pp. 159–168). New York, NY: Addleton Academic Publishers.
Oral presentation	Engels-Schwarzpaul, A. -. C. (2014, January). Performing Space and Identity. Presented at the Center for Korean Studies Auditorium, UH Mānoa.
Journal article – Article	Böhme, G. & Engels-Schwarzpaul, A. -. C. (2014). The theory of atmospheres and its applications. <i>Interstices: Journal of Architecture and Related Arts</i> , 15, 92–99. Retrieved from: https://interstices.aut.ac.nz/ijara/index.php/ijara/article/view/201
Conference contribution – Oral Presentation – Paper Presentation	Engels-Schwarzpaul, A. -. C. (2014). Border traffic: crossing academic boundaries. Paper presented at the PESA 2014 Education as Philosophies of Engagement. Conference Centre, Kingsgate Hotel, Te Rapa, Hamilton, New Zealand.
Conference contribution – Paper Published in Proceedings	Engels-Schwarzpaul, A. -. C. & Simati, B. K. (2014). A Fale Samoa at Tropical Islands Resort, Germany: Performing Samoa to the World [Abstract]. In Meleisea. <i>Proceedings of the Samoa Conference II, Samoa Conference II: Tracing Footprints of Tomorrow: Past lessons, present stories, future lives.</i> Retrieved from: http://samoanstudies.ws/publications/samoa-conference-ii-proceedings/

Conference contribution – Published Abstract	Engels-Schwarzpaul, A. – C. (2014). Of Other Thoughts and Renegade Knowledges: Transformative Potential in Postgraduate Supervisions [Abstract]. The Philosophy of Education Society of Australasia (PESA), 44th Annual Conference: Education as Philosophies of Engagement – Ko te kōrero. Hamilton: The Philosophy of Education Society of Australasia (PESA).
---	--

WELBY INGS

Publication Type	Citation
Journal article – Article	Ings, W. (2014). The Authored Voice: Emerging approaches to exegesis design in creative practice PhDs. ACCESS: Critical Perspectives on Communication, Cultural & Policy Studies, 1-14. Retrieved from: http://dx.doi.org/10.1080/00131857.2014.974017
Journal article – Article	Ings, W. (2014). Embodied Drawing. A case study in narrative design. ARTIFACT, 3(2), 1-10. doi: 10.14434/artifact.v3i2.3983
Conference contribution – Oral Presentation – Keynote	Ings, W. (2014). Indelible Marks: Beyond the measure of performance. [Keynote]. Presented at the Teacher Education Forum of Aotearoa New Zealand: Te Rauika Titohu Kaiako on Aotearoa [TEFANZ] Biannual Conference. WINTEC ATRIUM, 12.00-1.00pm, WINTEC Hamilton.
Exhibition	Ings, W. (2014). Exhibition: Embodied Drawing: The poetics of Fictional Memory. Work in the internationally curated exhibition held in conjunction with The Fifth Art of Research Conference [AOR14]: Aalto University Helsinki. [8.2MB 3GPP animated movie; 1 film loop of fifty animated drawings, projected 2–5x2.5 meters]. Makela (Curator). Aalto University Helsinki: Hämeentie 135 C, Marilyn Gallery, 27 November–27 November.
Conference contribution – Oral Presentation – Keynote	Ings, W. (2014). Policing the Family: The human face of queer law reform in Aotearoa/New Zealand. [Keynote]. Presented at the NXT14– US Embassy & LGBT Youth Conference. UNITEC, Auckland, New Zealand.
Conference contribution – Oral Presentation – Keynote	Ings, W. (2014). Productive unknowing: Materiality, imagination and an emerging fictional world. [Keynote]. Presented at the The Fifth Art of Research Conference [AOR14]. Aalto University, 9.15-10.30am, STUDIO STAGE, Hämeentie 135 C, Helsinki Finland.
Chapter or section in books	Ings, W. (2014). The Studio model: developing community writing in creative, practice-led PhD design theses. In Aitchison (Ed.), Writing groups for doctoral education and beyond; Innovations in theory and practice (pp. 190–203). Abingdon: Routledge.
Conference contribution – Paper Published in Proceedings	Ings, W. (2014). Into the realm of unknowing: Immersive drawing, imagination and an emerging fictional world. [Abstract]. In M. Mäkeä, P. Pantouvaki, M. Guerin, & C. Groth. Proceedings of the 5th Art or Research Conference, The Fifth Art of Research Conference [AOR14]. (pp. 1-14). Retrieved from: http://designresearch.aalto.fi/events/aor2014/papers/WelbyIngsforAOR.pdf
Chapter or section in books	Ings, W. (2014). Handmade thought., 1, (pp. 8-11). Auckland: Stemme Publishing ISSN 2382-1744.
Journal article – Article	Ings, W. (2014). Narcissus and the muse: supervisory implications of autobiographical, practice-led PhD design theses. Qualitative Research, 14(6), 675–693. Retrieved from: http://sagepub.co.uk/journalsPermissions.nav
Conference contribution – Oral Presentation – Keynote	Ings, W. (2014). Another Way of Being: Change, disobedience and leadership. [Keynote]. Presented at the 32nd Tertiary ICT Conference.. Massey University 10.15-11.15am, E8-101 Theatre, Palmerston North.
Exhibition	Ings, W. (2014). In the international exhibition '30': 'Kevin' AIDS memorial quilt, Elegy, and Poster graphics [Oil on fabric, written poem, and printed artefact; Three. Quilt 6X2 ft]. The New Zealand Film Archive Gallery, Wellington; The LGBT Museum Castro: San Francisco; and Nga Taonga Sound & Vision Gallery, Auckland.: 16th April–14th June (The New Zealand Film Archive Gallery, Wellington); 20 –22nd June (The LGBT Museum in the Castro: San Francisco) and December 1-30th Nga Taonga Sound & Vision Gallery, 300 Karangahape Road, Auckland., 30 December–30 December.
Conference contribution – Oral Presentation – Keynote	Ings, W. (2014). Beyond Performance: Creativity, signature and disobedient thought. Elwyn Richardson Memorial Lecture [Keynote]. Presented at the ANZAAE: Te Aho I Muri Nei Conference 2014. WG403 AUT University 9.30–10.30am, Auckland, New Zealand.
Journal article – Article	Ings, W. J. (2014). Uncommon territory: Declaration, and the supervision of queer design theses. Teaching in Higher Education, 19(2), 194–207.
Conference contribution – Oral Presentation – Paper Presentation	Ings, W. (2014). The unspoken word: Teaching story design as visual communication practice.. Paper presented at the ANZAAE: te Aho I Muri Nei Conference 2014. 1-5. WG126 AUT University 11.00am –12.00pm, Auckland, New Zealand.
Journal article – Article	Ings, W. (2014). The Authored Voice: Emerging approaches to exegesis design in creative practice PhDs. Educational Philosophy and Theory, doi: 10.1080/00131857.2014.974017

ANDREW CONNOR

Publication Type	Citation
Journal article – Article	Connor, A. M., Martin, M., & Joe, S. (2014). An extensible framework for automatic knowledge extraction from student blogs. <i>International Journal on Integrating Technology in Education</i> , 3(2), 9–18. Retrieved from: http://airccse.org/journal/ijite/current2014.html
Conference contribution – Paper Published in Proceedings	Connor, A. M., Finlay, J. ... A. ..., & Pears, R. (2014). Mining Developer Communication Streams [Abstract]. In D. C. Wyld, N. Meghanathan & D. Nagamali. <i>CS & IT-CSCP 2014, Fourth International Conference on Computer Science & Information Technology</i> . (pp. 13–25). Retrieved from: http://airccj.org/CSCP/vol4/csit41902.pdf
Conference contribution – Paper Published in Proceedings	Pears, R., Finlay, J. A., & Connor, A. M. (2014). Synthetic Minority Over-sampling TEchnique (SMOTE) for Predicting Software Build Outcomes [Abstract]. <i>Twenty-Sixth International Conference on Software Engineering and Knowledge Engineering (SEKE 2014)</i> . (pp. 546–551). Retrieved from: http://www.ksi.edu/seke/Proceedings/seke/SEKE2014_Proceedings.pdf
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. <i>Action!–Doing Design Education, DesignEd Asia Conference 2014</i> . Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf
Journal article – Article	Finlay, J., Pears, R., & Connor, A. M. (2014). Data stream mining for predicting software build outcomes using source code metrics. <i>Information and Software Technology</i> , 56(2), 183–198. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0950584913001766
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., & Walker, C. (2014). Doing Entrepreneurship: Towards an Entrepreneurial Method for Design and Creative Technologies [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. <i>Action!–Doing Design Education, DesignEd Asia Conference 2014</i> . Retrieved from: http://www.designedasia.com/Full_Papers/2014/26_DOING%20ENTREPRENEURSHIP.pdf
Conference contribution – Paper Published in Proceedings	Footitt, J., Brown, D., Marks, S., & Connor, A. M. (2014). An Intuitive Tangible Game Controller [Abstract]. In K. Nesbitt & K. Blackmore. <i>The 10th Australasian Conference on Interactive Entertainment (IE 2014), The 10th Australasian Conference on Interactive Entertainment (IE 2014)</i> . Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377
Conference contribution – Paper Published in Proceedings	Martin, M., Charlton, J., & Connor, A. M. (2014). Augmented Body: Changing Interactive Body Play [Abstract]. In K. Nesbitt & K. Blackmore. <i>The 10th Australasian Conference on Interactive Entertainment, The 10th Australasian Conference on Interactive Entertainment</i> . Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377
Conference contribution – Paper Published in Proceedings	Connor, A. M. & Shah, A. (2014). Resource Allocation Using Metaheuristic Search [Abstract]. In D. Wyld, N. Meghanathan & D. Nagamali. <i>Fourth International Conference on Computer Science & Information Technology, Fourth International Conference on Computer Science & Information Technology</i> . (pp. 353–364). Retrieved from: http://airccj.org/CSCP/vol4/csit41930.pdf
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., Whittington, C., & Walker, C. (2014). Full STEAM ahead: A manifesto for integrating arts pedagogics in to STEM education [Abstract]. <i>IEEE International Conference on Teaching, Assessment and Learning in Engineering 2014</i> . Retrieved from: https://www.conftool.net/tale-conference/sessions.php
Conference contribution – Paper Published in Proceedings	Gavin, J., Kenobi, B., & Connor, A. M. (2014). Social Play Spaces for Active Community Engagement [Abstract]. In K. Nesbitt & K. Blackmore. <i>The 10th Australasian Conference on Interactive Entertainment, The 10th Australasian Conference on Interactive Entertainment</i> . Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377
Conference contribution – Paper Published in Proceedings	Marks, S., Estevez, J. E., & Connor, A. M. (2014). Towards the Holodeck: Fully Immersive Virtual Reality Visualisation of Scientific and Engineering Data [Abstract]. <i>29th International Conference on Image and Vision Computing New Zealand (IVCNZ) 2014</i> . (pp. 42–47). Retrieved from: http://sci.waikato.ac.nz/about-us/engineering/image-and-vision-computing-new-zealand-2014-conference/programme

BEN KENOBI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. <i>Action!–Doing Design Education, DesignEd Asia Conference 2014</i> . Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf

Conference contribution – Paper Published in Proceedings	Gavin, J., Kenobi, B., & Connor, A. M. (2014). Social Play Spaces for Active Community Engagement [Abstract]. In K. Nesbitt & K. Blackmore. The 10th Australasian Conference on Interactive Entertainment, The 10th Australasian Conference on Interactive Entertainment. Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377
---	---

CHARLES WALKER

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Walker, C. & Berthelsen, C. (2014). Doing Stuff with Stuff: Designing for the Everyday Metamorphosis of Collaborative Work Environments [Abstract]. In Coletta C, Colombo S, Magaudda P, Mattozzi A, Parolin LL, Rampino. A Matter of Design: Making Society through Science and Technology, 5th Società Italiana di Studi su Scienza e Tecnologia / Italian Society of Science and Technology Studies (STS) Conference. (pp. 295–309). Retrieved from: http://www.stsitalia.org/
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. Action!–Doing Design Education, DesignEd Asia Conference 2014. Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., Whittington, C., & Walker, C. (2014). Full STEAM ahead: A manifesto for integrating arts pedagogics in to STEM education [Abstract]. IEEE International Conference on Teaching, Assessment and Learning in Engineering 2014. Retrieved from: https://www.conftool.net/tale-conference/sessions.php
Conference contribution – Paper Published in Proceedings	Walker, C. & McMeel, D. (2014). Otherwise Engaged: designing a post-digital Space of Appearance in Auckland, New Zealand [Abstract]. In C. Coletta, S. Colombo, P. Magaudda, A. Mattozzi, L. L. Parolin & L. Rampino. A Matter of Design: Making Society through Science and Technology, 5th Società Italiana di Studi su Scienza e Tecnologia / Italian Society of Science and Technology Studies (STS) Conference. (pp. 233–242). Retrieved from: http://www.stsitalia.org/
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., & Walker, C. (2014). Doing Entrepreneurship: Towards an Entrepreneurial Method for Design and Creative Technologies [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. Action!–Doing Design Education, DesignEd Asia Conference 2014. Retrieved from: http://www.designedasia.com/Full_Papers/2014/26_DOING%20ENTREPRENEURSHIP.pdf

CLINTON WATKINS

Publication Type	Citation
Performance	Watkins, C., Brötzmann, P., Marks, J., & Microsoft, V. (2014, May). Frequency Colour Live [Music]. Auckland: Silo Park.
Exhibition	Watkins, C., Von Sturmer, D., Syme, G., King, D., Oram, J., Rizos, L., ... Yoon Kim, T. (2014). Feedback/Eternal Wave [video; 2]. Wellington: City Gallery, 5 June–5 June.
Exhibition	Watkins, C. (2014). Filter*.com [interactive installation; 1]. Dubai: Zayed University, 8 November–8 November.
Exhibition	Watkins, C. (2014). Wave Length [interactive installation; 2]. R. Tabener & M. Nicole (Curators). Auckland: Auckland City Art Gallery, 30 June–30 June.
Exhibition	Watkins, C. (2014). Not Available in Your Country [interactive installation; 1]. Dubai: American University, 8 November–8 November.

FRANCES JOSEPH

Publication Type	Citation
Oral presentation	Joseph, F. (2014, January). Innovation Through Design and New Textile Technologies. Presented at the Murphy Auditorium,, Kent State University, Kent, Ohio, USA.
Journal article – Article	Kayanji, J. & Joseph, F. (2014). Machine–Crafted: Investigating form and aesthetics in the seamless knit environment as a sustainable textile design practice. Making Futures On Line Journal, 3(Interfaces between craft knowledge and design: new opportunities for social innovation and sustainable practice), Retrieved from: http://makingfutures.plymouthart.ac.uk/journalvol3/index.html
Other form of output	Newall, K. & Joseph, F. (2014). Engaging Creatures: Understanding AR Through Making. [Workshop]. Conference Workshop: Teaching to Tinker Helsinki, Norway: NordiChi 2014 Conference.
Film and Video	Joseph, F. (Producer), Joseph, F. & Allen, M. (Directors). (2014). Evolving E–Textiles Thinking [Film]. Auckland University of Technology.
Oral presentation	Joseph, F. (2014, January). Smart Knitted textiles for Therapeutic Interaction. Presented at the Centre for Computer Game Research, ITU, Copenhagen, Denmark.

JAMES CHARLTON

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Charlton, J. (2014). Exploded Diagrams and Faulty Parts. Paper presented at the Expopositions. Ufer Studios, Berlin.
Other form of output	Charlton, J. (2014). Acts of Materiality. Making Futures Journal.
Exhibition	Charlton, J. (2014). Intermezzo 3 [Multi site interactive installation]. Berlin: Mila Kunst Galerie, 15 August-15 August.
Conference contribution – Paper Published in Proceedings	Charlton, J. (2014). Post Screen Not Displayed [Abstract]. In H. Ferreira & A. Vicente. Post Screen Festival, Post Screen Festival. (pp. 178-190). Edicao.
Conference contribution – Paper Published in Proceedings	Martin, M., Charlton, J., & Connor, A. M. (2014). Augmented Body: Changing Interactive Body Play [Abstract]. In K. Nesbitt & K. Blackmore. The 10th Australasian Conference on Interactive Entertainment, The 10th Australasian Conference on Interactive Entertainment. Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377
Artwork or artefact	Charlton, J. (2014). 32 Bit Drop. Berlin.
Artwork or artefact	Charlton, J. (2014). Waiting Event: 64 bytes [Multisite interactive screen work]. Lisbon: Univerist of Lisbon.
Exhibition	Charlton, J. (2014). Post-Screen Virtual Gallery. [Multi site live screen installation]. http://postscreen.fba.ul.pt/galeria/galeria/
Journal article – Article	Charlton, J. (2014). I Have Always Been Post Digital or at Lest I Cannot Recall A time When Art Wan't. Post-digital Research, 3(1), 12-12.

JAVIER ESTEVEZ

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Marks, S., Estevez, J. E., & Connor, A. M. (2014). Towards the Holodeck: Fully Immersive Virtual Reality Visualisation of Scientific and Engineering Data [Abstract]. 29th International Conference on Image and Vision Computing New Zealand (IVCNZ) 2014. (pp. 42-47). Retrieved from: http://sci.waikato.ac.nz/about-us/engineering/image-and-vision-computing-new-zealand-2014-conference/programme

JUDIT KLEIN

Publication Type	Citation
Thesis / Dissertation – Master's Thesis/ Postgraduate Dissertation	Klein, J. (2014). Project GeoStorm: bridging the 'killer gap' by integrating developer and educator perspectives in the development of a tablet-based app for tertiary education (Unpublished Master's Thesis/Postgraduate Dissertation). Auckland: AUT University.

LAURENT ANTONCZAK

Publication Type	Citation
Design output	Antonczak, L. (2014). Shoot Me Now™ [website]. http://www.shootmenow.me/ : VIRTUO.
Oral presentation	Antonczak, L. (2014, January). #mina2013 International screening + Q&A. Presented at the University of Salford, Manchester, England, Main Ampitheatre.
Conference contribution – Paper Published in Proceedings	Cochrane, T., Antonczak, L., Guinibert, M., & Mulrennan, D. (2014). Developing a mobile social media framework for creative pedagogies [Abstract]. In I. Sanchez & P. Isaias. Proceedings of the 10th International Conference on Mobile Learning, 10th International Conference on Mobile Learning. Retrieved from: http://www.mlearning-conf.org/
Journal article – Article	Cochrane, T., Antonczak, L., Keegan, H., & Narayan, V. (2014). Riding the wave of BYOD: developing a framework for creative pedagogies. Research in Learning Technology, 22(Special Issue – Riding Giants: How to innovate and educate ahead of the wave), Retrieved from: http://www.researchinlearningtechnology.net/index.php/rlt/article/view/24637
Conference contribution – Oral Presentation – Plenary	Antonczak, L. (2014). Developing a mobile social media framework for creative curriculum [Plenary]. Presented at the Highway Africa. Rhodes University, School of Journalism and Media Studies, Grahamstown, South Africa.
Oral presentation	Antonczak, L. (2014, January). Colloquium on research questions in the mobile age. Presented at the Rhodes University, School of Journalism and Media Studies, Grahamstown, South Africa.

Journal article – Article	Cochrane, T. & Antonczak, L. (2014). Implementing a Mobile Social Media Framework for Designing Creative Pedagogies. <i>Journal of the Social Sciences</i> , 3(3), Retrieved from: http://www.mdpi.com/2076-0760/3/3/359
Conference contribution – Paper Published in Proceedings	Cochrane, T., Antonczak, L., & Guinibert, M. (2014). Designing Transformative Learning Environments [Abstract]. In J. MacDonald & B. Hegarty. <i>Rhetoric and Reality, proceedings of the 31st Ascilite Conference, Rhetoric and Reality: Critical perspectives on educational technology, the 31st Ascilite Conference.</i> (pp. 31–41). Retrieved from: https://app.box.com/s/016cdyv8dq1pp0yhp1vw/1/2704865198/23032570490/1
Conference contribution – Published Abstract	Cochrane, T., Narayan, V., & Antonczak, L. (2014). A Mobile Augmented Reality Movie Primer [Abstract]. In Schlesser. <i>4th Mobile Creativity and Innovation Symposium, 4th Mobile Creativity and Innovation Symposium.</i> Retrieved from: http://mina.pro/4th-mobile-creativity-and-mobile-innovation-symposium/
Film and Video	Auckland University of, T. (Producer), Antonczak, (Director). (2014). <i>AUT University – Business School – Excellence in Business Support Awards 2014</i> [video]. VIMEO.

RICARDO SOSA MEDINA

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Sosa Medina, R. & Gerrard, V. (2014). Examining participation [Abstract]. In H. Winschiers-Theophilus, V. D'Andrea & O. S. Iversen. <i>Proceedings of the 13th Participatory Design Conference: Research Papers – Volume 1, 13th Participatory Design Conference: Research Papers</i> , 1, (pp. 111–120). Retrieved from: http://dl.acm.org/citation.cfm?id=2661451
Conference contribution – Paper Published in Proceedings	Kee, V., Rojas, N., Elara, M. R., & Sosa, R. (2014). Hinged-Tetro: A self-reconfigurable module for nested reconfiguration [Abstract]. (pp. 1539–1546). doi: 10.1109/AIM.2014.6878302
Conference contribution – Paper Published in Proceedings	Sosa Medina, R., Nejati, H., Cheung, N. M., & Koh, D. C. I. (2014). DeepCAPTCHA: an image CAPTCHA based on depth perception [Abstract]. In Zimmermann. <i>5th ACM Multimedia Systems Conference, MMSys '14 Proceedings of the 5th ACM Multimedia Systems Conference.</i> (pp. 81–90). Retrieved from: http://dl.acm.org/citation.cfm?id=2557642&picked=prox&cfid=481608509&cftoken=69608777

SANGEETA KARMOKAR

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. <i>Action!–Doing Design Education, DesignEd Asia Conference 2014.</i> Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf
Conference contribution – Paper Published in Proceedings	Karmokar, S. & Shekar, A. (2014). The Application of Design Methods in Projects to Enhance Student Engagement [Abstract]. <i>Australasian Association for Engineering Education Conference.</i> Wellington, NZ.
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., & Walker, C. (2014). Doing Entrepreneurship: Towards an Entrepreneurial Method for Design and Creative Technologies [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. <i>Action!–Doing Design Education, DesignEd Asia Conference 2014.</i> Retrieved from: http://www.designedasia.com/Full_Papers/2014/26_DOING%20ENTREPRENEURSHIP.pdf
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., Whittington, C., & Walker, C. (2014). Full STEAM ahead: A manifesto for integrating arts pedagogics in to STEM education [Abstract]. <i>IEEE InternationalConference on Teaching, Assessment and Learning in Engineering 2014.</i> Retrieved from: https://www.conftool.net/tale-conference/sessions.php

SHARON MAZER

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Mazer, S. (2014). <i>Maori Performance Objects.</i> Paper presented at the American Society for Theatre Research. Baltimore, MD, USA.
Journal article – Article	Mazer, S. (2014). Here as Elsewhere: Thinking Theatrically / Acting Locally. <i>Antipodes: A Global Journal of Australian/New Zealand Literature</i> , 28(1), 35–45. Retrieved from: http://digitalcommons.wayne.edu/antipodes/vol28/iss1/9/?utm_source=digitalcommons.wayne.edu/antipodes/vol28/iss1/9&utm_medium=PDF&utm_campaign=PDFCoverPages

STEFAN MARKS

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Marks, S., Estevez, J. E., & Connor, A. M. (2014). Towards the Holodeck: Fully Immersive Virtual Reality Visualisation of Scientific and Engineering Data [Abstract]. 29th International Conference on Image and Vision Computing New Zealand (IVCNZ) 2014. (pp. 42-47). Retrieved from: http://sci.waikato.ac.nz/about-us/engineering/image-and-vision-computing-new-zealand-2014-conference/programme
Book – Edited Book	Wünsche,, B. & Marks, S. (2014). Proceedings of the Fifteenth Australasian User Interface Conference (AUIC 2014), 150, 112. Retrieved from: http://crpit.com/Vol150.html
Conference contribution – Published Abstract	van Melle,, G. & Marks, S. (2014). Frozen Waves: Exploring the transformation between sound and object [Abstract]. In M. Smitheram,, A. Smith,, F. Joseph, & J. Hamon,. Shapeshifting – A Conference on the Transformative Paradigms in Fashion and Textile Design, Shapeshifting 2014. (pp. 42-43). Auckland, New Zealand.
Conference contribution – Paper Published in Proceedings	Connor, A. M., Berthelsen, C., Karmokar, S., Marks, S., Kenobi, B., & Walker, C. (2014). An unexpected journey: Experiences of learning through exploration and experimentation [Abstract]. In T. T. Jachna, E. McLafferty & Y. S. Tzvetanova. Action!–Doing Design Education, DesignEd Asia Conference 2014. Retrieved from: http://www.designedasia.com/Full_Papers/2014/15_An%20Unexpected%20Journey.pdf
Artwork or artefact	van Melle,, G. & Marks, S. (2014). Background Visuals for the AUT Rookie 2014 Fashion Show [Software; 1]. Auckland, New Zealand.
Oral presentation	Marks, S. (2014, January). Interactive Practitioners Meetup – MoCap Special. Presented at the Motion Capture Lab (WG212), Auckland, New Zealand.
Conference contribution – Paper Published in Proceedings	Foottit, J., Brown, D., Marks, S., & Connor, A. M. (2014). An Intuitive Tangible Game Controller [Abstract]. In K. Nesbitt & K. Blackmore. The 10th Australasian Conference on Interactive Entertainment (IE 2014), The 10th Australasian Conference on Interactive Entertainment (IE 2014). Retrieved from: http://dl.acm.org/citation.cfm?id=2677758&picked=prox&cfid=603175386&cftoken=76879377

COMMUNICATION STUDIES

ABHISHEK KALA

Publication Type	Citation
Chapter or section in books	Cochrane, T., Guinibert, M., Simeti, C., Brannigan, R., & Kala, A. (2014). Mobile Social Media as a Catalyst for Collaborative Curriculum Redesign. In J. Keengwe & M. Maxfield (Eds.), <i>Advancing Higher Education with Mobile Learning Technologies: Cases, Trends, and Inquiry-Based Methods</i> (pp. 1-21). Hershey, Pasadena: IGI Global.

ALAN COCKER

Publication Type	Citation
Other form of output	Cocker, A. R. (2014). Janus's Other Face [Print publication]. <i>New Zealand Books: A Quarterly Review</i> , 23(103), 27-28. Retrieved from: http://www.nzbooks.org.nz/
Conference contribution - Oral Presentation - Paper Presentation	Cocker, A. R. (2014). Malcolm Ross, journalist and photographer. The perfect war correspondent?. Paper presented at the Media, War and Memory. AUT, City Campus Conference Centre, Auckland University of Technology, Auckland.

ALLAN LEE

Publication Type	Citation
Chapter or section in books	Lee, A. B. (2014). Reporting business and economics. In Hannis (Ed.), <i>Intro: A beginner's guide to journalism in 21st-century Aotearoa/New Zealand</i> (pp. 139-153). Wellington: NZ Journalists Training Organisation.
Chapter or section in books	Lee, A. B., Hannis, G. D., Treadwell, P. L., Strong, C. R., & Riddle, C. (2014). Understanding Journalism. In D. Hannis (Ed.), <i>Intro: A beginner's guide to journalism in 21st-century Aotearoa/New Zealand</i> (pp. 1-16). Wellington: NZ Journalists Training Organisation.

ANGELIQUE NAIRN

Publication Type	Citation
Conference contribution - Published Abstract	Nairn, A. M., Nelson, F. M., & Johnson, R. J. K. (2014). Taking public opinion by storm: an analysis of the Melbourne Storm's advertising campaigns [Abstract]. 10th Anniversary Sport Management Association of Australia and New Zealand Conference. Melbourne.
Conference contribution - Paper Published in Proceedings	Nairn, A. & Nelson, F. (2014). Doing well by doing good: The Sallies, altruism & identification [Abstract]. In Mountfort. Retrieved from: http://popcaanz.com/conference-proceedings-2014

BARRYMORE KING

Publication Type	Citation
Book - Authored Book	King, B. J. (2014). Taking Fame to market: the pre-history and post-history of Hollywood stardom. Retrieved from: http://www.palgrave.com/page/detail/taking-fame-to-market-barry-king/?K=9781137344274

BRYN EVANS

Publication Type	Citation
Thesis / Dissertation - Doctoral Thesis	Evans, B. (2014). Order on the Court: The Interactional Organization of Basketball Practice Activities (Unpublished Doctoral Thesis). Sydney, Australia: University of Western Sydney.

CLINTON SIMETI

Publication Type	Citation
Chapter or section in books	Cochrane, T., Guinibert, M., Simeti, C., Brannigan, R., & Kala, A. (2014). Mobile Social Media as a Catalyst for Collaborative Curriculum Redesign. In J. Keengwe & M. Maxfield (Eds.), <i>Advancing Higher Education with Mobile Learning Technologies: Cases, Trends, and Inquiry-Based Methods</i> (pp. 1-21). Hershey, Pasadena: IGI Global.

DANIELLE MULRENNAN

Publication Type	Citation
Chapter or section in books	Sissons, H. & Mulrennan, D. L. (2014). Writing for news websites: the continuous deadline world of online news. In Hannis (Ed.), <i>Intro: a beginner's guide to journalism in 21st-century Aotearoa/New Zealand</i> Wellington, New Zealand: NZ Journalists Training Organisation.
Conference contribution - Paper Published in Proceedings	Cochrane, T., Antonczak, L., Guinibert, M., & Mulrennan, D. (2014). Developing a mobile social media framework for creative pedagogies [Abstract]. In I. Sanchez & P. Isaias. <i>Proceedings of the 10th International Conference on Mobile Learning</i> , 10th International Conference on Mobile Learning. Retrieved from: http://www.mlearning-conf.org/

DAVID BROWN

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Brown, D. A. (2014). Iraq-attack: How the Iraq war was packaged and sold to the public.. Paper presented at the JMAD 2014 Conference Media, War and Memory. AUT University, Auckland.

DAVID ROBBIE

Publication Type	Citation
Other form of output	Robie, D. (2014). East Timor's filmmaker Max Stahl tells of the doco that 'changed everything' [Pacific Scoop article [Online]]. Retrieved from: http://pacific.scoop.co.nz/2014/02/east-timors-filmmaker-max-stahl-tells-of-the-doco-that-changed-everything/
Conference contribution – Oral Presentation – Keynote	Robie, D. (2014). West Papua: The Pacific's secret shame: The challenges for Pacific news media [Keynote]. Presented at the West Papua: The Pacific's secret shame. Auckland, New Zealand, Faculty of Law, University of Auckland.
Oral presentation	Robie, D. (2014, January). Radio NZ National: Mediwatch interview with David Robie on Fiji. Presented at the Radio NZ, Wellington.
Report – Commissioned	Robie, D. (2014). Freedom House media freedom reports on Fiji, New Zealand, Papua New Guinea, Samoa, Solomon Islands and Tonga. [Commissioned by Freedom House (New York)]. New York: Freedom House.
Book – Edited Book	Robie, D. & Korauaba, T. (2014). Pacific Journalism Monographs No 3: Kiribati media, science and politics: telling the story of climate change in a 'disappearing' nation. 34. Retrieved from: http://www.pmc.aut.ac.nz/publications/pacific-journalism-monograph-no-3-kiribati-media-science-and-politics
Other form of output	Robie, D. (2014). Café Pacific : media freedom and transparency [Online]. http://ndhadeliver.natlib.govt.nz/content-aggregator/getIEs?system=ilsdb&id=738249 Retrieved from: http://cafepacific.blogspot.co.nz/
Report – Commissioned	Robie, D. & Ismail, B. (2014). Written submission for the United Nations Human Rights Council Universal Periodic Review 19th Session by Reporters Without Borders and the Pacific Media Centre on the state of freedom of expression and access to information in Fiji. [Commissioned by Reporters Without Borders (Paris, France)]. 4. Paris, France: Reporters Without Borders.
Journal article – Review	Robie, D. (2014). Lies, media integrity and the new digital environment [Review]. Pacific Journalism Review, Retrieved from: http://search.informit.com.au/documentSummary;dn=299311233926332;res=E-LIBRARY
Journal article – Article	Robie, D. (2014). Pacific Media Watch: beyond parochial news. Media Asia, 41(3), Retrieved from: http://www.amic.org.sg/research-and-publications
Book – Authored Book	Robie, D. (2014). Don't spoil my beautiful face: Media, mayhem and human rights in the Pacific. 1-361. Retrieved from: http://littleisland.co.nz/books/dont-spoil-my-beautiful-face
Other form of output	Robie, D. (2014). E-libel laws the new front line in Pacific battle for press freedom [The Conversation: Academic online publication by consortium of universities in Australia. See Notes]. Retrieved from: https://theconversation.com/e-libel-laws-the-new-front-line-in-pacific-battle-for-press-freedom-25611
Other form of output	Robie, D. (2014). Sedition, e-libel become the new Pacific media front line [Emergency Journalism [Online]]. Retrieved from: http://emergencyjournalism.net/sedition-e-libel-become-the-new-pacific-media-front-line/
Conference contribution – Oral Presentation – Plenary	Robie, D. (2014). Pacific Media Centre: Coconet wi-fi, digital technology, business and education [Plenary]. Presented at the Asian Development Bank (ADB) Pacific Business Media Summit. Asian Development Bank, Sydney, 45 Clarence St, Sydney.
Journal article – Article	Robie, D. (2014). Shooting the messenger, Pacific style. Media Development, LXI(3), 6-10. Retrieved from: http://www.waccglobal.org/articles/shooting-the-messenger-pacific-style
Journal article – Article	Robie, D. (2014). 'Carbon colonialism': Pacific environmental risk, media credibility and a deliberative perspective. Pacific Journalism Review, 20(2), 59-76. Retrieved from: http://search.informit.com.au/documentSummary;dn=720080990413343;res=IELHSS
Book – Edited Book	Robie, D. (2014). Twentieth anniversary of Pacific Journalism Review: Political journalism in the Asia-Pacific. 1-69. Retrieved from: http://www.pmc.aut.ac.nz/publications/pacific-journalism-monographs-no-4-twentieth-anniversary-pacific-journalism-review
Journal article – Article	Robie, D. (2014). Pacific Media Watch and protest in Oceania: An investigative free media case study. Pacific Journalism Review, 20(1), 35-60. Retrieved from: http://www.pjreview.info/articles/pacific-media-watch-and-protest-oceania-investigative-free-media-case-study-923
Other form of output	Robie, D. (2014). Behind the elusive mythmaking over Fiji, West Papua [Pacific Politics [Online]]. Political news and analysis published by the Pacific Institute of Public Policy Retrieved from: http://pacificpolitics.com/2014/12/behind-the-elusive-mythmaking-over-fiji-west-papua/

DEEPTI BHARGAVA

Publication Type	Citation
Oral presentation	Bhargava, D. (2014, January). Brainy breakfast – your critical social media update. Presented at the The Pullman hotel, Auckland.

GREGORY BENNETT

Publication Type	Citation
Exhibition	Bennett, G. (2014). SIMULTAN Festival #10, Annual Festival for Video, Media Art, Exploratory Music and Sound, Timisoara, Romania [Single channel HD video; 1 x HD video, (8:50 minutes, looped)]. Whitehead (Curator). Timisoara, Romania: SIMULTAN Festival #10, Annual Festival for Video, Media Art, Exploratory Music and Sound, 11 October–11 October.
Exhibition	Bennett, G. (2014). 'Perceptions of Space: Justin Collection', group exhibition at the Glen Eira City Council Gallery, Melbourne, Australia. [Single channel HD video and digital print; 1 x HD video (9:15 minutes looped), and 1 x digital print (1828 x 1219mm)]. Soumilas (Curator). Melbourne, Australia: Glen Eira City Council Gallery, 15 June–15 June.
Conference contribution – Workshops or Panel Presentation	Bennett, G. (2014). 3D Motion Capture Workshop. Presented at the ANZAAE Art Educator Conference 2014 (Aotearoa New Zealand Association of Art Educators). AUT University, AUT University, Auckland, New Zealand.
Oral presentation	Bennett, G. (2014, January). Artist Talk for 'ReConstellation', New Media Group Show, Prak-sis n3w M3dia Art Festival, Chicago, USA. Presented at the Prak-sis n3w M3dia Art Festival, Chicago Corporate Photography and Video, 845 W. Washington 4th floor, Chicago, USA.
Exhibition	Bennett, G. W. (2014). 'ReConstellation', New Media Group Show, Prak-sis n3w M3dia Art Festival, Chicago, USA. [Single channel HD video; 1 x HD video, (14:15 minutes, looped)]. S. Fu, T. Jojima & N. Walsh (Curators). 845 W. Washington Blvd, 4th floor, Chicago, USA: Prak-sis n3w M3dia Art Festival, 1 August–1 August.
Exhibition	Bennett, G. (2014). 'Currents 2014', group exhibition at the Santa Fe International New Media Festival, Santa Fe, New Mexico, USA [Single channel HD video; 1 x HD video, (14:15 minutes, looped)]. F. Ragano & M. Amster (Curators). Santa Fe, New Mexico, USA: El Museo Cultural de Santa Fe, 29 June–29 June.
Exhibition	Bennett, G. (2014). 'Phantom City', group exhibition at the Rotorua Museum, Rotorua, New Zealand. [Single channel HD video; 1 x HD video, (8:50 minutes, looped)]. Chitham (Curator). Rotorua, New Zealand: Rotorua Museum, 7 September–7 September.
Conference contribution – Oral Presentation – Paper Presentation	Bennett, G. (2014). Art Practice in the Digital Realm. Paper presented at the ANZAAE Art Educator Conference 2014 (Aotearoa New Zealand Association of Art Educators). AUT University, AUT University, Auckland, New Zealand.

GREGORY TREADWELL

Publication Type	Citation
Chapter or section in books	Hannis, G. D., Lee, A. B., Riddle, C., Strong, C., & Treadwell, G. J. (2014). Understanding Journalism. In Hannis (Ed.), Intro: A beginner's guide to journalism in 21st-century Aotearoa/New Zealand Wellington: NZ Journalists Training Organisation.
Chapter or section in books	Treadwell, G. J. (2014). News Photography. (pp. 234–252). Wellington: NZ Journalists Training Organisation.

HELEN SISSONS

Publication Type	Citation
Chapter or section in books	Sissons, H. A. (2014). Using social media to find news. In Hannis (Ed.), Intro: A beginner's guide to journalism in 21st-century Aotearoa/New Zealand. (pp. 47–61). Wellington: New Zealand: New Zealand Journalists Training Association.
Journal article – Article	Sissons, H. A. (2014). Negotiating the News: Interactions behind the curtain of the journalism–public relations relationship. <i>Journalism Studies</i> , Retrieved from: http://www.tandfonline.com/doi/full/10.1080/1461670X.2014.973147#.VLMJGyuUePw
Chapter or section in books	Sissons, H. A. & Mulrennan, D. (2014). Reporting for news websites. In Hannis (Ed.), Intro: A beginner's guide to journalism in 21st-century Aotearoa/New Zealand (pp. 282–292). Wellington: New Zealand: New Zealand Journalists Training Association.

JIM MARBROOK

Publication Type	Citation
Film and Video	Marbrook, J. (Director). (2014). <i>Cap Bocage</i> [Feature film]. New Zealand International Film Festival.

KANE HOPKINS

Publication Type	Citation
Journal article - Article	Hopkins, K. (2014). The phatic nature of the online social sphere: Implications for public relations. <i>PRism</i> , 11(2), 12. Retrieved from: http://www.prismjournal.org/homepage.html

LORNA PIATTI-FARNELL

Publication Type	Citation
Chapter or section in books	Piatti-Farnell, L. (2014). That Haunting, <i>Eerie Return: Narrative, Genre, and Iconography in Dark Shadows and Dark Shadows: The Revival</i> . In Lavigne (Ed.), <i>Remake Television: Reboot, re-use, Recycle</i> (pp. 155-170). Lanham, MD: Lexington.
Journal article - Article	Piatti-Farnell, L. (2014). Gothic: New Directions in Media and Popular Culture. <i>M/C: The Journal of Media and Culture</i> , 17(4), Retrieved from: http://journal.media-culture.org.au/index.php/mcjournal/issue/view/gothic
Book - Authored Book	Piatti-Farnell, L. (2014). <i>The Vampire in Contemporary Popular Literature</i> . New York and London: Routledge.
Journal article - Article	Piatti-Farnell, L. (2014). Introduction: A Place for Contemporary Gothic. <i>Aeternum: The Journal of Contemporary Gothic Studies</i> , 1(1), i-iv. Retrieved from: http://www.aeternumjournal.com/index.php/issues?id=12
Chapter or section in books	Piatti-Farnell, L. (2014). Monsters of Capital: Vampires, Zombies and Consumerism. In G. Whitman & J. Dow (Eds.), <i>Economics of the Undead: Zombies, Vampires, and the Dismal Science</i> (pp. 99-109). Lanham, MD: Rowman & Littlefield.
Conference contribution - Oral Presentation - Paper Presentation	Piatti-Farnell, L. (2014). That Haunting, <i>Eerie Return: Narrative, Genre, and Iconography in Dark Shadows (1966-1991)</i> . Paper presented at the Ninth International Conference on Interdisciplinary Social Sciences. University of British Columbia, Vancouver, Canada.
Conference contribution - Oral Presentation - Keynote	Piatti-Farnell, L. (2014). Vampires in the City: Mergence, Mystique, and 'The New Orleans Thing' [Keynote]. Presented at the <i>Locating the Gothic</i> . Mary Immaculate College, University of Limerick, Limerick Ireland.
Chapter or section in books	Piatti-Farnell, L. (2014). Spectral Pumpkins: Cultural Icons and the Gothic Everyday. In L. Piatti-Farnell & M. Beville (Eds.), <i>The Gothic and the Everyday: Living Gothic</i> (pp. 85-102). Plagrave Macmillan.
Journal article - Article	Piatti-Farnell, L. (2014). What's Hidden in Gravity Falls: Strange Creatures and the Gothic Intertext. <i>M/C: The Journal of Media and Culture</i> , 17(4), Retrieved from: http://journal.media-culture.org.au/index.php/mcjournal/showToc/current
Book - Edited Book	Piatti-Farnell, L. & Beville, M. (2014). <i>The Gothic and the Everyday: Living Gothic</i> . Plagrave Macmillan.
Journal article - Editorial Comment	Piatti-Farnell, L. (2014). Sites for Contemporary Gothic. <i>Aeternum: The Journal of Contemporary Gothic Studies</i> , 1(2), i-iv. Retrieved from: http://www.aeternumjournal.com/

MATT MOLLGAARD

Publication Type	Citation
Oral presentation	Mollgaard, M. (2014, January). Screen Edge Forum 2014: Radio Documentary 101. Presented at the Auckland University of Technology, Auckland, New Zealand.
Conference contribution - Oral Presentation - Paper Presentation	Mollgaard, M. (2014). New Zealand, Indonesia and the invasion of East Timor: Conflict, information management and the New Zealand media during the Cold War.. Paper presented at the Media, War and Memory: JMAD Conference 2014. Auckland University of Technology, Auckland, New Zealand.

MATTHEW GUINIBERT

Publication Type	Citation
Chapter or section in books	Cochrane, T., Guinibert, M., Simeiti, C., Brannigan, R., & Kala, A. (2014). Mobile Social Media as a Catalyst for Collaborative Curriculum Redesign. In J. Keengwe & M. Maxfield (Eds.), <i>Advancing Higher Education with Mobile Learning Technologies: Cases, Trends, and Inquiry-Based Methods</i> (pp. 1-21). Hershey, Pasadena: IGI Global.
Conference contribution - Paper Published in Proceedings	Cochrane, T., Antonczak, L., Guinibert, M., & Mulrennan, D. (2014). Developing a mobile social media framework for creative pedagogies [Abstract]. In I. Sanchez & P. Isaias. <i>Proceedings of the 10th International Conference on Mobile Learning, 10th International Conference on Mobile Learning</i> . Retrieved from: http://www.mlearning-conf.org/

Conference contribution – Paper Published in Proceedings	Cochrane, T., Antonczak, L., & Guinibert, M. (2014). Designing Transformative Learning Environments [Abstract]. In J. MacDonald & B. Hegarty. Rhetoric and Reality, proceedings of the 31st Ascilite Conference, Rhetoric and Reality: Critical perspectives on educational technology, the 31st Ascilite Conference. (pp. 31–41). Retrieved from: https://app.box.com/s/016cdyv8dq1pp0yhp1vw/1/2704865198/23032570490/1
--	--

MELISSA MILLER

Publication Type	Citation
Report - Non Commissioned	Crothers, C., Gibson, A., Smith, P., Bell, A., & Miller, M. (2014). World Internet Project New Zealand: Internet trends in New Zealand 2007–2013. Auckland: Auckland University of Technology.

PETER HOAR

Publication Type	Citation
Other form of output	Hoar, P. (2014). Romantic Bruckner: Review of the Auckland Philharmonia Orchestra with guest violinist Nikita Boriso–Glebsky.. Radio New Zealand Concert.
Other form of output	Hoar, P. (2014). Composer of the Week: George Friedrich Handel (1685–1759) [Radio]. Composer of the Week Retrieved from: http://www.radionz.co.nz/
Other form of output	Hoar, P. (2014). Soldiers' Tales: Review an Auckland Philharmonia Orchestra concert. Radio New Zealand Concert.
Other form of output	Hoar, P. (2014). Composer of the Week: Pietro Locatelli (1695–1764) [Radio]. Composer of the Week Retrieved from: http://www.radionz.co.nz/
Other form of output	Hoar, P. (2014). Composer of the Week: Jean Philippe Rameau (1683–1764) [Radio]. Composer of the Week Retrieved from: http://www.radionz.co.nz/

PETRONELLA THEUNISSEN

Publication Type	Citation
Conference contribution – Workshops or Panel Presentation	Theunissen, P. S. (2014). The quantum entanglement of dialogue and persuasion in social media: Introducing the Per–Di Principle. Presented at the 100th Annual National Communication Association. Hilton Chicago, Chicago, United States.
Journal article – Article	Theunissen, P. S. (2014). Co-creating corporate identity through dialogue: A pilot study. Public Relations Review, Retrieved from: http://www.journals.elsevier.com/public-relations-review/
Journal article – Editorial Comment	Theunissen, P. S. & McAllister, S. (2014). Relationships and dialogue in public relations: Foundations of effective public relations? PRism Journal, 11(2), Retrieved from: http://www.prismjournal.org/dialog_ed.html
Journal article – Article	Ott, L. & Theunissen, P. S. (2014). Reputations at risk: Engagement during a social media crisis. Public Relations Review, doi: 10.1016/j.pubrev.2014.10.015

PHILIPPA MULES

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Mules, P. A. (2014). Towards an Oral Pedagogy. Paper presented at the Walter Ong Conference. Gonzaga University, Gonzaga University.

ROSEMARY BREWER

Publication Type	Citation
Journal article – Article	Brewer, R. L. (2014). ' ...you married "for better or worse", didn't you? You are having a spot of "worse": marital advice from the 'Ask Lou Lockheart' column in the New Zealand woman's weekly, 1950. TEXT, 25, 1–13. Retrieved from: http://www.textjournal.com.au/speciss/issue25/content.htm

ROSS BRANNIGAN

Publication Type	Citation
Chapter or section in books	Cochrane, T., Guinibert, M., Simeti, C., Brannigan, R., & Kala, A. (2014). Mobile Social Media as a Catalyst for Collaborative Curriculum Redesign. In J. Keengwe & M. Maxfield (Eds.), Advancing Higher Education with Mobile Learning Technologies: Cases, Trends, and Inquiry–Based Methods (pp. 1–21). Hershey, Pasadena: IGI Global.
Conference contribution – Poster Presentation	Cochrane, T., Brannigan, R., Frenchman, K., Greig, E., Kenobi, B., Narayan, V., ... Mace, J. (2014). #NPF14LMD AUT University Case Studies. Poster presented at the Rhetoric and Reality, the 31st Ascilite Conference. Otago Polytechnic, Dunedin, New Zealand.

Conference contribution – Poster Presentation	Cochrane, T., Brannigan, R., Frenchman, K., Greig, E., Kenobi, B., Narayan, V., & Neill, C. (2014). #NPF14LMD AUT University Case Studies. University of Otago, Dunedin, New Zealand.
Conference contribution – Oral Presentation – Paper Presentation	Brannigan, R. (2014). Fusing Stage and Screen in Search of Empathy. Paper presented at the Visual Aspects of Performance Practice. Mansfield College, Oxford University, Oxford, U.K.

ROSSER JOHNSON

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Johnson, R. J. K. (2014). Renovation, relocation and revelation: a case study of "The Block New Zealand". Paper presented at the 44th Annual PCA-ACA Conference. Marriott Chicago Downtown Magnificent Mile, Chicago, Illinois, USA.
Conference contribution – Oral Presentation – Paper Presentation	Johnson, R. J. K. (2014). How many steps? the role of peer review in the ethics approval process. Paper presented at the Australasian Ethics Network Conference. Sydney University, Sydney, Australia.
Oral presentation	Johnson, R. J. K. (2014, January). Peer reviews and the ethics review process. Presented at the Auckland University of Technology, Sir Paul Reeves Building (WG), AUT.
Conference contribution – Published Abstract	Nairn, A. M., Nelson, F. M., & Johnson, R. J. K. (2014). Taking public opinion by storm: an analysis of the Melbourne Storm's advertising campaigns [Abstract]. 10th Anniversary Sport Management Association of Australia and New Zealand Conference. Melbourne.

RUFUS MCEWAN

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	McEwan, R. (2014). Contextualising Convergence: The Case of the New Zealand Radio Industry. Paper presented at the 2014 ANZCA Conference: The digital and the social: communication for inclusion and exchange. Swinburne University, Melbourne, Australia.

SARAH BAKER

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Baker, S. (2014). § The Changing Face of Gay Representation in Hollywood Films from the 1990s Onwards: What's Really Changed in the Hollywood Representation of Gay Characters?. Paper presented at the The International Conference on interdisciplinary Social Sciences. University of British Columbia Vancouver, Vancouver Canada.
Conference contribution – Oral Presentation – Paper Presentation	Baker, S. (2014). News Politics and Diversity in the 2014 New Zealand General Election. Paper presented at the NZPSA. Auckland University, Auckland University.
Conference contribution – Oral Presentation – Paper Presentation	Baker, S. (2014). Politics/ Conflict and the Changing Face of New Zealand Current Affairs Television. Paper presented at the New Zealand Political Studies Association (NZPSA). Auckland University, Auckland New Zealand.
Journal article – Review	Baker, S. (2014). Review of The Vampire in Contemporary Popular Literature. Aedenum, 1(2) 22 Dec 2014
Journal article – Article	Baker, S. (2014). The Walking Dead and Gothic Excess: The Decaying Social Structures of Contagion. M/C – Media and Culture Journal, Volume 17(4), Retrieved from: http://journal.media-culture.org.au/index.php/mcjournal/issue/view/gothic

SIGRID NORRIS

Publication Type	Citation
Journal article – Article	Norris, S. (2014). Learning tacit classroom participation. Procedia Social and Behavioral Sciences, Elsevier.
Chapter or section in books	Norris, S. (2014). Geosemiotics. Germany: Suhrkamp.
Chapter or section in books	Norris, S. & Maier, C. (2014). Introduction. In S. Norris & C. Maier (Eds.), Interactions, Images and Texts: A Reader in Multimodality (pp. 1-3). Boston & Berlin: de gruyter Mouton.
Chapter or section in books	Norris, S. (2014). Mediated Discourse Analysis. Germany: Suhrkamp.
Conference contribution – Oral Presentation – Paper Presentation	Norris, S. (2014). Investigating Learning and Identity: A Multimodal Mediated Research Lens.
Chapter or section in books	Norris, S. (2014). Multimodal (inter)action analysis. In P. Albers, T. Holbrook & A. S. Flint (Eds.), New Methods in Literacy Research London, New York: Routledge.

Chapter or section in books	Norris, S. (2014). Developing multimodal (inter)action analysis: A personal account. In S. Norris & C. D. Maier (Eds.), <i>Interactions, Images and Texts: A Reader in Multimodality</i>
Chapter or section in books	Norris, S. (2014). <i>Nexus analysis</i> . Germany: Suhrkamp.
Book – Edited Book	Norris, S. & Maier, C. D. (2014). <i>Interactions, Images and Texts: A Reader in Multimodality</i> . Retrieved from: http://www.degruyter.com/view/product/181932?rskey=uG6CSp&result=1
Chapter or section in books	Norris, S., Geenen, J., Metten, T., & Pirini, J. (2014). Collecting video data: The role of the researcher. In S. Norris & C. D. Maier (Eds.), <i>Interactions, Images and Texts: A Reader in Multimodality</i> Berlin, New York: de Gruyter.
Chapter or section in books	Norris, S. (2014). <i>Modal Density and Modal Configurations: Multimodal Actions</i> . (pp. 86–99). London, New York: Routledge.
Chapter or section in books	Pirini, J., Norris, S., Geenen, J., & Matelau, T. (2014). Studying social actors: Some thoughts on ethics. In S. Norris & C. D. Maier (Eds.), <i>Interactions, Images and Texts: A Reader in Multimodality</i> Berlin, New York: de Gruyter.
Chapter or section in books	Norris, S. & Maier, C. (2014). Concluding remarks. In S. Norris & C. Maier (Eds.), <i>Interaction, Images and Texts: A reader in multimodality</i> (pp. 381–382).
Journal article – Article	Norris, S. (2014). The Impact of Literacy-Based Schooling on Learning a Creative Practice: Modal Configurations, Practices and Discourses. <i>Multimodal Communication</i> , 3(2), 181–195. Retrieved from: http://www.degruyter.com/view/j/mc.2014.3.issue-2/mc-2014-0011/mc-2014-0011.xml?format=INT

STEVEN ELMERS

Publication Type	Citation
Journal article – Article	Elmers, S. (2014). Maori are scum, stupid, lazy: Maori according to Google. <i>Te Kaharoa: The e-Journal on Indigenous Pacific Issues</i> , 7(1), 16–24. Retrieved from: http://www.tekaharoa.com/
Conference contribution – Oral Presentation – Paper Presentation	Elmers, S. (2014). Maori social stratification: Understanding, experiences and depictions in public information advertisements.. Paper presented at the Annual National Maori Doctoral Conference. Maketu Marae, Kawhia, Maketu Marae, Kawhia.
Journal article – Article	Elmers, S. (2014). Online investigation: Using the internet for investigative policing practice. <i>Australasian Policing: A Journal of Professional Practice and Research</i> , 6(1), 7–9. Australasian Institute of Policing.
Conference contribution – Oral Presentation – Paper Presentation	Elmers, S. (2014). Conducting Research with Māori: Experiences, Reflections and Lessons from a Communication Studies PhD. Paper presented at the 20th Anniversary Pacific Journalism Review Conference. AUT University, AUT University.
Conference contribution – Oral Presentation – Paper Presentation	Elmers, S. (2014). Maori perspectives of public information advertising campaigns. Paper presented at the 20th International Association of Intercultural Communication Studies (IAICS) Conference. University of Rhode Island, University of Rhode Island, Providence, Rhode Island.
Conference contribution – Oral Presentation – Paper Presentation	Elmers, S. (2014). Stereotyping the savage: Insights into New Zealand advertising. Paper presented at the 5th Biennial Conference of the Maori Association of Social Science. Massey University, Palmerston North, Massey University, Palmerston North.

THOMAS OWEN

Publication Type	Citation
Journal article – Article	Lewthwaite, B., Owen, T., Doiron, A., Renaud, R., & McMillan, B. (2014). Culturally Responsive Teaching in Yukon First Nation Settings: What Does it Look Like and What is its Influence? <i>Canadian Journal of Educational Administration and Policy</i> , (155),
Journal article – Article	Owen, T. (2014). THE 'ACCESS TO MEDICINES' CAMPAIGN VS. BIG PHARMA: Counter-hegemonic discourse change and the political economy of HIV/AIDS medicines. <i>Critical Discourse Studies</i> , 11(3), 288–304.
Journal article – Article	Lewthwaite, B., Doyle, T., & Owen, T. (2014). "Did something happen to you over the summer?": Tensions in intentions for chemistry education. <i>Chemistry Education Research and Practice</i> , 15(2), 142–155.

TREVOR PLANT

Publication Type	Citation
Other form of output	Plant, T. J. (2014). The Great Big Kids' Show. Retrieved from: http://www.nzonair.govt.nz/funding/fundingsearchpages/fundingsearchradioprograms.aspx?
Other form of output	Plant, T. J. (2014). The Great Big Kids' Show [Radio; 53]. The Great Big Kids' Show Retrieved from: http://www.nzonair.govt.nz/radio/showcase

VERICA RUPAR

Publication Type	Citation
Journal article – Article	Rupar, V. & Munshi, Kurian, F. (2014). Shadow publics' in the news coverage of socio-political issues. <i>Journalism: Theory, Practice and Criticism</i> , 15(1), Sage.
Chapter or section in books	Rupar, V. & Seizova, S. (2014). <i>Foreign correspondents in Serbia: What happens when the war ends?</i> Routledge.
Conference contribution – Published Abstract	Rupar, V. (2014). Journalism education and the concept of inclusive society [Abstract]. <i>PJR: Political journalism in the Asia Pacific</i> .
Conference contribution – Published Abstract	Rupar, V. (2014). Media, war and memory: what happens when the war ends? [Abstract]. <i>JMAD: Media, war and memory</i> .
Conference contribution – Published Abstract	Rupar, V, Owen, T., & Baker, S. (2014). News, politics and diversity in the 2014 New Zealand General Election [Abstract]. In MacArthur, J. and Gregory, J. (Eds.). <i>NZ PSA, NZ PSA</i> .

COMPUTER AND MATHEMATICAL SCIENCES

• School of Computer and Mathematical Sciences

AHMAD WEDYAN	
Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Wedyan, A. (2014). Solving capacitated vehicle routing problem using intelligent water drops algorithm [Abstract]. (pp. 469–474). Retrieved from: http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6975880&punumber=6963214&sortType=asc_p_Sequence&filter=AND(p_IS_Number:6975799)&pageNumber=4
AHMED AL-SA'DI	
Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Al-Sadi, A., Parry, D., & Carter, P. (2014). Usability considerations for Educational Tablet applications using an Arabic Interface [Abstract]. ICICS 2014. Amman Jordan.
AJIT NARAYANAN	
Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Naidu, V. & Narayanan, A. (2014). Further experiments in biocomputational structural analysis of malware [Abstract]. ICNC – 2014 10th International Conference on Natural Computation. (pp. 605–610). Retrieved from: http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6975904
Journal article – Article	Shanmuganathan, S., Narayanan, A., Mohamed, M., Ibrahim, R., & Khalid, H. (2014). A hybrid approach to modelling the climate change effects on Malaysia's oil palm yield at the regional scale. <i>Advances in Intelligent Systems and Computing</i> , 287, 335–346. doi: 10.1007/978-3-319-07692-8_32
Journal article – Article	Narayanan, A. & Greco, M. (2014). The Dental Practice Questionnaire: a patient feedback tool for improving the quality of dental practices. <i>Aust Dent J</i> , doi: 10.1111/adj.12200
Conference contribution – Paper Published in Proceedings	Narayanan, A. & Wedyan, A. (2014). Solving capacitated vehicle routing problem using Intelligent Water Drops algorithm. [Abstract]. IEEE 2014 10th International Conference on Natural Computation. (pp. 471–476). IEEE.
Conference contribution – Paper Published in Proceedings	Naidu, V. & Narayanan, A. (2014). Further Experiments in Biocomputational Structural Analysis of Malware [Abstract]. IEEE 2014 10th International Conference on Natural Computation. (pp. 610–615). IEEE.
ALAN LITCHFIELD	
Publication Type	Citation
Journal article – Article	Litchfield, A. T. M., Ahmed, M., Ahmed, S., Mahmood, A., & Meazi, M. (2014). VoIP Performance Analysis over IPv4 and IPv6. <i>International Journal of Computer Network and Information Security(IJCNIS)</i> , 6, doi: 10.5815/ijcnis
Conference contribution – Paper Published in Proceedings	Litchfield, A. T. & Althouse, J. (2014). A Systematic Review of Cloud Computing, Big Data and Databases on the Cloud [Abstract]. In A. Tiwana & B. Ramesh. 20th Americas Conference on Information Systems, AMCIS 2014. Savannah, Georgia, USA.
ALASTAIR NISBET	
Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Nisbet, A. (2014). A SIMULATION-BASED STUDY OF SERVER LOCATION SELECTION RULES IN MANETS UTILISING THRESHOLD CRYPTOGRAPHY [Abstract]. 11th Australian Information Security Management Conference. Retrieved from: http://igneous.scis.ecu.edu.au/proceedings/2013/aism/Nisbet1.pdf
Conference contribution – Paper Published in Proceedings	Nisbet, A. (2014). SECURITY ANALYSIS AND FORENSIC INVESTIGATION OF HOME & COMMERCIAL ALARM SYSTEMS IN NEW ZEALAND: CURRENT RESEARCH FINDINGS [Abstract]. 11th Australian Digital Forensics Conference. Retrieved from: http://igneous.scis.ecu.edu.au/proceedings/2013/adf/Nisbet1.pdf
Conference contribution – Paper Published in Proceedings	Nisbet, A., Lawrence, S., & Ruff, M. (2014). A Forensic Analysis and Comparison of Solid State Drive Data Retention with Trim Enabled file Systems [Abstract]. 11th Australian Digital Forensics Conference. Retrieved from: http://igneous.scis.ecu.edu.au/proceedings/2013/adf/Nisbet2.pdf
Conference contribution – Paper Published in Proceedings	Nisbet, A. (2014). A 2013 STUDY OF WIRELESS NETWORK SECURITY IN NEW ZEALAND: ARE WE THERE YET? [Abstract]. 11th Australian Information Security Management Conference. Retrieved from: http://igneous.scis.ecu.edu.au/proceedings/2013/aism/Nisbet1.pdf

ALETTA VAN DER MERWE

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	van der Merwe, A. J. (2014). Elastic waves in a Timoshenko beam with boundary damping. Paper presented at the 2014 AUT Mathematical Sciences Synposium. AUT, Auckland.
Conference contribution – Oral Presentation – Paper Presentation	van der Merwe, A. J. (2014). Elastic waves in a Timoshenko beam. Paper presented at the SANUM 2014. University of the Witwatersrand, Johannesburg, South Africa.

ALI AKBAR GHOBAKHLOU

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Ghobakhlou, A., Sallis, P., & Wang, X. (2014). A service oriented wireless sensor node management system [Abstract]. I2MTC 2014: 2014 IEEE International Instrumentation and Measurement Technology Conference. (pp. 1475–1479). Montevideo, Uruguay.

ALLA SHYMANSKA

Publication Type	Citation
Journal article – Article	Shymanska, A. (2014). Mathematical and Computer Simulation of Visual Acuity in Imaging Devices. <i>International Journal of Applied Physics and Mathematics</i> , 4(3), 205–210. doi: 10.7763/IJAPM.2014.V4.284
Conference contribution – Published Abstract	Shymanska, A. (2014). Mathematical and Computer Simulation of Visual Acuity in Imaging Devices [Abstract]. <i>International Conference on Engineering Mathematics and Physics (ICEMP 2014)</i> . (pp. 20–20). Retrieved from: http://www.icemp.org/program.html
Oral presentation	Shymanska, A. (2014, January). Mathematical and computational modelling of the effect of the spread in incidence coordinates. Presented at the SCMS, WT515.
Conference contribution – Published Abstract	Shymanska, A. & Shymanska, A. (2014). Mathematical and computational modeling of noise transformation in imaging devices [Abstract]. <i>2014 AUT Mathematical Sciences Symposium</i> . (pp. 20–20). AUT: AUT.
Oral presentation	Shymanska, A. (2014, January). Mathematical and computational modelling of the effect of the spread in incidence coordinates of primary electrons on the secondary emission properties of an emitter. Presented at the WT515c.

ANNE PHILPOTT

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Kasto, N., Whalley, J. L., Philpott, A., & Whalley, D. (2014). Solution spaces [Abstract]. <i>Australasian Computing Education Conference</i> , 148, (pp. 133–137). Retrieved from: http://dl.acm.org/citation.cfm?id=2667490&coll=DL&dl=ACM&CFID=566318969&CFTOKEN=63322767

ANTHONY CLEAR

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Hussain, W. & Clear, T. (2014). Spreadsheets as Collaborative Technologies in Global Requirements Change Management. [Abstract]. In Y. Cai & J. Fernandez. <i>E Proceedings 2014 IEEE 9th International Conference on Global Software Engineering, IEEE 9th International Conference on Global Software Engineering</i> . (pp. 74–83). Los Alamitos, California: IEEE.
Conference contribution – Paper Published in Proceedings	Clear, A. L. & Clear, T. (2014). Introductory Programming and Educational Performance Indicators – a Mismatch [Abstract]. In M. Lopez & M. Verhaart. <i>Proceedings of ITx New Zealand's Conference of IT, ITx New Zealand's Conference of IT</i> . (pp. 123–128). Retrieved from: http://www.citrenz.ac.nz/?page_id=1296
Journal article – Editorial Comment	Clear, T. (2014). Supervision for Critical Thinking: Challenges and Strategies. <i>ACM Inroads</i> , 5(4), 26–27. doi: 10.1145/2667234
Book – Edited Book	Clear, T. & Pears, A. (2014). <i>Proceedings of the 2014 Conference on Innovation & Technology in Computer Science Education</i> . 360. New York: ACM.
Other form of output	Raza, B., Clear, T., & MacDonell, S. G. (2014). Lessons from Novopay and Queensland Health Payroll. IITP Techblog Retrieved from: http://www.techblog.co.nz/677-LessonsfromNovopayandQueenslandHealthPayroll
Conference contribution – Paper Published in Proceedings	Hussain, W., Buchan, J., & Clear, T. (2014). Managing Requirements in Globally Distributed COTS Customization [Abstract]. In A. Vizcaino & Q. Wang. <i>Proceedings 2014 IEEE 9th International Conference on Global Software Engineering Workshops, International Conference on Global Software Engineering Workshops</i> . (pp. 33–38). Los Alamitos, California: IEEE.

Other form of output	Cajander, Å., Daniels, M., Clear, T., & Pears, A. (2014). ITiCSE preview. SIGCSE Bulletin (Association for Computing Machinery, Special Interest Group on Computer Science Education), 46(2), 8–9. doi: 10.1145/2620668.2620676
Book – Edited Book	Clear, T., Kassabova, D., & Winship, A. (2014). Research Review 2013 Faculty of Design and Creative Technologies. Retrieved from: http://www.aut.ac.nz/research/faculty-research/design-and-creative-technologies
Conference contribution – Paper Published in Proceedings	Clarke, D., Clear, T., Fisler, K., Hauswirth, M., Krishnamurthi, S., Politz, J., ... Wrigstad, T. (2014). In-Flow Peer Review [Abstract]. In A. Clear & R. Lister. Proceedings of the Working Group Reports of the 2014 on Innovation & Technology in Computer Science Education Conference, Innovation & Technology in Computer Science Education Conference 2014. (pp. 59–79). doi: 10.1145/2713609.2713612
Journal article – Article	Clear, T. (2014). Framing a research study. ACM Inroads, 5(2), 22–23.
Journal article – Editorial Comment	Clear, A. & Clear, T. (2014). Special Edition Editor's Note: Institute of Information Technology Professionals Conference 2013 Proceedings (IITP 2013). Journal of Applied Computing and Information Technology, 18(1), Retrieved from: http://www.citrenz.ac.nz/jacit/JACIT1801/2014Clear_Editorial.html
Report – Commissioned	Clear, T. (2014). Whitireia New Zealand, Postgraduate Diploma in Information Technology – Monitoring Report. [Commissioned by NZQA]. Auckland: Auckland University of Technology.

BARRY BLUNDELL

Publication Type	Citation
Conference contribution – Workshops or Panel Presentation	Blundell, B. G. (2014). Autostereoscopic 3D: An Overview of the Static and Dynamic forms of the Radial Raster. Presented at the Korean–New Zealand Workshop on Multimedia Imaging. Auckland University Tamaki Campus, Auckland, NZ.
Journal article – Review	Blundell, B. G. (2014). Unauthorized access : the crisis in online privacy and security. ACM Computing Reviews, ACM.
Journal article – Article	Blundell, B. G. (2014). On Aspects of Glasses–Free 3D Cinema 70 Years Ago. 3rd Dimension, 8(7), 61–70. Veritas et Visus.

BRIAN CUSACK

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Cusack, B. & Lo, S. (2014). Project governance requirements: A case study [Abstract]. Association for Information Systems.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Parry, D. (2014). Customising Doctor–Nurse Communications [Abstract]. SRI Security Congress.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Kyaw, A. (2014). Managing Wireless Security Risks in Medical Services [Abstract]. SRI Security Congress.
Journal article – Article	Cusack, B. & Khaleghparast, R. (2014). Protecting Intellectual Properties in the Cloud. Digital Forensics Magazine, 19, 74–77.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Khaleghparast, R. (2014). Securing Identity Information with Image Watermarks [Abstract]. SRI Security Congress.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Almutairi, S. (2014). Listening to Botnet Communication Channels to Protect Information Systems [Abstract]. SRI Security Congress.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Fowler, A. (2014). Understanding Learning within a Commercial Video Game: A Case Study [Abstract]. Interactive Entertainment 2014.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Lutui, R. (2014). Up–Dating Investigation Models for Smart Phone Procedures [Abstract].
Conference contribution – Paper Published in Proceedings	Cusack, B. & Robinson, N. (2014). Identifying a Game Console Vulnerability and Potential Exploitation for eBusiness Attacks [Abstract]. 25th ACIS Conference.

Conference contribution – Paper Published in Proceedings	Cusack, B. & Lutui, R. (2014). Evaluating the Security Vulnerabilities of the IP6to4 Tunnelling Mechanism [Abstract]. SRI Security Congress.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Chambers, J. (2014). Detecting Covert Communication Channels in Raster Images [Abstract]. SRI Security Congress.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Park, J. (2014). BOTNET FORENSIC INVESTIGATION TECHNIQUES AND COST EVALUATION [Abstract]. American Digital Forensic and Law Conference. Richmond, Virginia, USA.
Conference contribution – Paper Published in Proceedings	Cusack, B. & Chee, A. (2014). Steganographic checks in digital forensic investigation: A social networking case [Abstract]. (pp. 44–50). Edith Cowan University.
Conference contribution – Oral Presentation – Paper Presentation	Cusack, B. & Fowler, A. (2014). A Proposed Method for Measuring Learning in Video Games. Paper presented at the 4th Asian Conference on Technology in the Classroom. Osaka, Japan.
Journal article – Article	Fowler, A. & Cusack, B. (2014). A Proposed Method for Measuring Learning in Video Games. GSTF International Journal on Computing, 3(4), 42–47.
Journal article – Article	Cusack, B. & Fraser, D. (2014). Improving Image Retrieval Rates in Big Data. Digital Forensics Magazine, 21, 14–18.
Journal article – Article	Cusack, B. & Robinson, N. (2014). Session Spoofing Attempts on the Xbox. Digital Forensics Magazine, 19, 26–30.
Journal article – Article	Cusack, B. & Huang, D. (2014). Forensic Implementations of GPS Accuracy. Digital Forensics Magazine, 18, 52–55.
Journal article – Article	Cusack, B. & Yao, J. (2014). Investigating Steganography in Audio Streams. Digital Forensics Magazine, 20, 14–18.

DAVID PARRY

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Al-Sadi, A., Parry, D., & Carter, P. (2014). Usability considerations for Educational Tablet applications using an Arabic Interface [Abstract]. ICICS 2014. Amman Jordan.
Conference contribution – Oral Presentation – Paper Presentation	Feather, J., Carter, D., Koziol-McLain, J., & Parry, D. (2014). Situated co-inquiry: A method of usability testing to closely appreciate user experiences of an artifact in terms of the health needs and opportunities. Paper presented at the Medicine 2.0 2014. Hawaii.
Conference contribution – Poster Presentation	Parry, D., Fong, A. C. M., Huynh, S., & Tang, J. (2014). Home Localization System for Misplaced Objects. Poster presented at the IEEE International Conference on Consumer Electronics. Las Vegas USA, Las Vegas USA.
Conference contribution – Oral Presentation – Paper Presentation	Parry, D., Bacic, B., & Iwamoto, S. (2014). Open Source Software and Interdisciplinary Data Management: Post-surgery Rehabilitation Case Study. Paper presented at the Health Informatics new Zealand. Auckland, Sky city.
Journal article – Article	Huynh, S. M., Parry, D., Fong, A. C. M., & Tang, J. (2014). Novel RFID and ontology based home localization system for misplaced objects. Consumer Electronics, IEEE Transactions on, 60(3), 402–410. doi: 10.1109/TCE.2014.6937324
Conference contribution – Paper Published in Proceedings	Parry, D., Hunt, D., & Schliebs, S. (2014). Exploring the applicability of Reservoir methods for Classifying Punctual Sports Activities Using On-body Sensors. [Abstract]. In B. Thomas & D. Parry. ACSC 2014, ACSC 2014., Volume 147 – Thirty-Seventh Australasian Computer Science Conference, Auckland New Zealand.
Conference contribution – Poster Presentation	Parry, D., Houliston, B., & Foy, J. (2014). RFID tracking to study clinical activity in the operating Room. Poster presented at the IEEE International Conference on Healthcare Informatics 2014 (ICHI 2014). University of Verona, Verona.
Conference contribution – Workshops or Panel Presentation	Parry, D., Carter, P. D., & Warren, J. (2014). Usability in Healthcare. Presented at the Health Informatics New Zealand. Sky City, New Zealand.

ENOBONG BASSEY

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., & Sallis, P. (2014). An evaluation of smoothing filters for gas sensor signal cleaning [Abstract]. In C. Rückemann & M. Pankowska. INFOCOMP 2014 : The Fourth International Conference on Advanced Communications and Computation, The Fourth International Conference on Advanced Communications and Computation. (pp. 19–23). Paris, France.

Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., Sallis, P., & Prasad, K. (2014). Wavelet Transform Smoothing Filters for Metal Oxide Gas Sensor Signal Cleaning [Abstract]. 8th International Conference on Sensing Technology 2014. (pp. 538–542). Liverpool, UK.
--	---

FARIDA KACHAPOVA

Publication Type	Citation
Journal article – Article	Kachapova, F. (2014). On the Importance of Pure Mathematics. Invited editorial. <i>Journal of Mathematics and Statistics</i> , 10(4), 421–422. Retrieved from: http://thescpub.com/abstract/10.3844/jmssp.2014.421.422
Journal article – Article	Kachapova, F. (2014). A strong intuitionistic theory of functionals. Arxiv, Retrieved from: http://arxiv.org/abs/1403.2813v1
Conference contribution – Published Abstract	Kachapova, F. & Kachapov, I. (2014). Convergence of random field transformed by renormalization group [Abstract]. (pp. 15–15). Retrieved from: http://www.aut.ac.nz/___data/assets/pdf_file/0006/508272/2014AUTMathSciSympProc.pdf
Conference contribution – Published Abstract	Kachapova, F. (2014). PROPERTIES OF AN INTUITIONISTIC MULTI-TYPED THEORY WITH OPERATIONS [Abstract]. <i>Algebra and Mathematical Logic: Theory and Applications</i> . (pp. 66–66). Retrieved from: http://kpfu.ru/portal/docs/F344663063/___Main.pdf

GISELA KLETTE

Publication Type	Citation
Chapter or section in books	Klette, G. (2014). Distance Transform. In Klette (Ed.), <i>Concise Computer Vision</i> (pp. 112–119). London: Springer.
Conference contribution – Paper Published in Proceedings	Klette, G. (2014). Digital Convexity and Cavity Trees [Abstract]. In F. Huang & A. Sugimoto. <i>Image and Video Technology – PSIVT 2013. GCCV 2013, GPID 2013, PAESNPR 2013, and QACIVA 2013, Image and Video Technology – PSIVT 2013 Workshops</i> , 8334, (pp. 59–70). Retrieved from: http://link.springer.com/book/10.1007/978-3-642-53926-8

HYUCK CHUNG

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Chung, H. (2014). Attenuation of ocean waves due to random perturbations in the seabed profile. Paper presented at the The first international Australasian conference on wave science. Newcastle Australia, Newcastle Australia.
Journal article – Article	Chung, H., Cao, J., & Huang, B. (2014). Strategic real options with stochastic volatility in a duopoly model. <i>Chaos, Solitons & Fractals</i> , 58(January), 40–51. doi: 10.1016/j.chaos.2013.11.005
Conference contribution – Paper Published in Proceedings	Chung, H. & Lee, J. (2014). Detecting defects in composite beams and plates using Bayesian inference [Abstract]. <i>International Conference on Noise and Vibration Engineering, ISMA. KU Leuven – Departement Werktuigkunde Celestijnenlaan 300 – box 2420, B-3001 Heverlee (Belgium): Leuven Belgium</i> .
Journal article – Article	Chung, H., Emms, G., & Fox, C. (2014). Vibration reduction in lightweight floor/ceiling systems with a sand-sawdust damping layer. <i>Acta Acustica united with Acustica</i> , 100(4), 628–639. doi: 10.3813/AAA.918742

ISAAC NTI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Nti, I. & Sallis, P. (2014). Geospatial workflow process for modelling complex land use cover change [Abstract]. In D. P. Ames, N. W. T. Quinn & A. E. Rizzoli. <i>Proceedings of the 7th International Congress on Environmental Modelling and Software, 7th International Conference on Environmental Software and Modelling (iEMSs)</i> . Retrieved from: http://www.iemss.org/society/index.php/iemss-2014-proceedings

JACQUELINE WHALLEY

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., Sallis, P., & Prasad, K. (2014). Wavelet Transform Smoothing Filters for Metal Oxide Gas Sensor Signal Cleaning [Abstract]. 8th International Conference on Sensing Technology 2014. (pp. 538–542). Liverpool, UK.
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., & Sallis, P. (2014). An evaluation of smoothing filters for gas sensor signal cleaning [Abstract]. In C. Rückemann & M. Pankowska. <i>INFOCOMP 2014 : The Fourth International Conference on Advanced Communications and Computation, The Fourth International Conference on Advanced Communications and Computation</i> . (pp. 19–23). Paris, France.

Conference contribution – Paper Published in Proceedings	Whalley, J. L. & Kasto, N. (2014). How difficult are novice code writing tasks?: a software metrics approach [Abstract]. Australasian Computing Education Conference., 148, (pp. 105-112). Retrieved from: http://dl.acm.org/citation.cfm?id=2667490&coll=DL&dl=ACM&CFID=566318969&CFTOKEN=63322767
Conference contribution – Paper Published in Proceedings	Kasto, N., Whalley, J. L., Philpott, A., & Whalley, D. (2014). Solution spaces [Abstract]. Australasian Computing Education Conference., 148, (pp. 133-137). Retrieved from: http://dl.acm.org/citation.cfm?id=2667490&coll=DL&dl=ACM&CFID=566318969&CFTOKEN=63322767
Conference contribution – Paper Published in Proceedings	Whalley, J. & Kasto, N. (2014). A qualitative think-aloud study of novice programmers' code writing strategies [Abstract]. (pp. 279-284). doi: 10.1145/2591708.2591762
Conference contribution – Oral Presentation – Paper Presentation	Chile, L. M., Whalley, J., & Michael-Agwuoke, M. (2014). Achieving environmental sustainability through effective municipal solid waste transportation. Paper presented at the Fifth International Conference on The Constructed Environment. University of Pennsylvania, Philadelphia, USA.
Conference contribution – Oral Presentation – Paper Presentation	Michael-Agwuoke, M., Whalley, J. L., & Chile, L. (2014). Assessing New Zealand municipal solid waste for integrated sustainable waste management. Paper presented at the WasteMINZ Annual Conference. Shed 6, TSB Bank Arena, Wellington, New Zealand.
Book – Edited Book	Whalley, J. L. & Daryl, D. ' S. (2014). Proceedings of the Sixteenth Australasian Computing Education Conference. Retrieved from: http://crpit.com/Vol148.html

JAIRO GUTIERREZ

Publication Type	Citation
Journal article – Article	Sarkar, N. I. & Gutierrez, J. (2014). Revisiting the Issue of the Credibility of Simulation Studies in Telecommunication Networks: Highlighting the Results of a Comprehensive Survey of IEEE Publications. IEEE Communications Magazine, 52(5), 218-224. Retrieved from: http://www.comsoc.org/commag
Conference contribution – Paper Published in Proceedings	Alhaddadin, F., Liu, W., & Gutierrez, J. (2014). A User Profile-Aware Policy-Based Management Framework for Greening the Cloud [Abstract]. 4th IEEE International Conference on Sustainable Computing and Communications. (pp. 682-687). doi: 10.1109/BDCLOUD.2014.116
Journal article – Article	Rakjit, C., Liu, W., & Gutierrez, J. (2014). An Energy Efficient Scheduling Manager for Cloud-Based Mobile Navigation Applications. International Journal of Business Data Communications and Networking, 10(2), 47-68. Retrieved from: http://www.igi-global.com/
Conference contribution – Paper Published in Proceedings	Gutiérrez, J. A. & Ray, S. K. (2014). Policy-based pricing for pervasive services in future heterogeneous wireless access networks [Abstract]. (pp. 181-185).
Conference contribution – Paper Published in Proceedings	Ray, S. K. & Gutierrez, J. (2014). On Applications and Profiles for Policy-based Pricing of Ubiquitous Services [Abstract]. In W. Wang & D. Pauleen. Proceedings of the 25th Australasian Conference on Information Systems, Australasian Conference on Information Systems. AUT/Sir Paul Reeves Building.

JAMES BUCHAN

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Tahir, A., MacDonell, S. G., & Buchan, J. (2014). Understanding class-level testability through dynamic analysis [Abstract]. (pp. 38-47).
Conference contribution – Paper Published in Proceedings	Hussain, W., Buchan, J., & Clear, T. (2014). Managing Requirements in Globally Distributed COTS Customization [Abstract]. In A. Vizcaino & Q. Wang. Proceedings 2014 IEEE 9th International Conference on Global Software Engineering Workshops, International Conference on Global Software Engineering Workshops. (pp. 33-38). Los Alamitos, California: IEEE.

JAMES SKENE

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Skene, J. (2014). Description Logic as Programming Language [Abstract]. Onward! '14. (pp. 143-162). Retrieved from: http://dl.acm.org/citation.cfm?id=2661139

JEFFREY HUNTER

Publication Type	Citation
Oral presentation	Hunter, J. J. (2014, January). The computation of the group inverse and related properties of Markov chains via perturbations. Presented at the AUT University, WT Tower.

Conference contribution – Oral Presentation – Paper Presentation	Hunter, J. J. (2014). The computation of the group inverse and related properties of Markov chains via perturbations. Paper presented at the 23rd International Workshop on Matrices and Statistics. University of Ljubljana, Slovenia.
Conference contribution – Oral Presentation – Paper Presentation	Hunter, J. J. (2014). The computation of the group inverse and related properties of Markov chains via perturbations. Paper presented at the 19th International Linear Algebra Society Conference., Sungkyunkwan University, Seoul. South Korea.
Conference contribution – Oral Presentation – Paper Presentation	Hunter, J. J. (2014). The accurate computation of key properties of Markov and semi-Markov Processes. Paper presented at the AUT Mathematical Sciences Symposium. AUT University, WT Tower, Auckland.
Journal article – Article	Hunter, J. J. (2014). Generalized inverses of Markovian kernels in terms of properties of the Markov chain Dedicated to the memory of Miki Neumann and Uri Rothblum. <i>Linear Algebra and Its Applications</i> , 447, 38–55.
Conference contribution – Oral Presentation – Paper Presentation	Hunter, J. J. (2014). The accurate computation of key properties of Markov and semi-Markov Processes. Paper presented at the 8th Australia New Zealand Mathematics Convention. University of Melbourne, Melbourne, Australia.

JEONG LEE

Publication Type	Citation
Journal article – Article	Lee, J., Fan, Y., & Sisson, S. A. (2014). Bayesian threshold selection for extremal models using measures of surprise. <i>Computational Statistics and Data Analysis</i> , Retrieved from: http://www.sciencedirect.com/science/article/pii/S0167947314003429
Conference contribution – Paper Published in Proceedings	Lee, J. & Chung, H. (2014). Detecting defects in composite beams and plates using Bayesian inference [Abstract]. ISMA2014–USD2014 Conference.

JI RUAN

Publication Type	Citation
Journal article – Article	Ruan, J. & Thielscher, M. (2014). Logical–Epistemic Foundations of General Game Descriptions. <i>Studia Logica</i> , 102(2), 321–338.

JIAMOU LIU

Publication Type	Citation
Journal article – Article	Khoussainov, B., Gavruskin, A., Kokho, M., & Liu, J. (2014). Dynamic interval scheduling for multiple machines. <i>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)</i> , 8889, 235–246. doi: 10.1007/978-3-319-13075-0_19
Journal article – Article	Liu, J. & Wei, Z. (2014). From a local to a global perspective of community detection in networks. <i>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)</i> , 8862, 1036–1049. doi: 10.1007/978-3-319-13560-1

JIAN YU

Publication Type	Citation
Journal article – Editorial Comment	Yu, J., Sheng, Q. Z., Younas, M., & Shakshuki, E. (2014). Advances in context-aware mobile services. <i>Personal and Ubiquitous Computing</i> , 18(5), 1027–1028. doi: 10.1007/s00779-013-0716-5
Journal article – Article	Kabir, M. A., Han, J., Yu, J., & Colman, A. (2014). User-centric social context information management: an ontology-based approach and platform. <i>PERSONAL AND UBIQUITOUS COMPUTING</i> , 18(5), 1061–1083. doi: 10.1007/s00779-013-0720-9
Journal article – Article	Yu, J., Sheng, Q. Z., Younas, M., & Shakshuki, E. (2014). Advances in mobile web information systems. <i>Computing</i> , 96(7), 565–567. doi: 10.1007/s00607-014-0384-y
Journal article – Article	Szabo, C., Sheng, Q. Z., Kroeger, T., Zhang, Y., & Yu, J. (2014). Science in the Cloud: Allocation and Execution of Data-Intensive Scientific Workflows. <i>Journal of Grid Computing</i> , 12(2), 245–264.
Conference contribution – Paper Published in Proceedings	Yongchareon, S., Ngamakeur, K., Liu, C., Chaisiri, S., & Yu, J. (2014). A workflow execution platform for collaborative artifact-centric business processes [Abstract], 8842, (pp. 639–643). Springer Verlag.
Journal article – Article	Kabir, M. A., Han, J., Colman, A., & Yu, J. (2014). Social Context as a Service: Managing Adaptation in Collaborative Pervasive Applications. <i>International Journal of Cooperative Information Systems</i> , doi: 10.1142/S0218843015400018

JILING CAO

Publication Type	Citation
Journal article - Article	Huang, B., Cao, J., & Chung, H. (2014). Strategic real options with stochastic volatility in a duopoly model. <i>Chaos, Solitons & Fractals</i> , 58, 40-51. Retrieved from: http://www.sciencedirect.com/science/journal/09600779/58
Journal article - Article	Bhowmik, A., Cao, J., & Yannelis, N. (2014). Aggregate preferred correspondence and the existence of a maximin REE. <i>Journal of Mathematical Analysis and Applications</i> , 414(1), 29-45. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0022247X13011463
Journal article - Article	Cao, J. & Junnila, H. J. K. (2014). Hereditarily normal Wijsman hyperspaces are metrizable. <i>Topology and its Applications</i> , 169, 148-155.
Oral presentation	Cao, J. (2014, January). Mathematical Methods in Modern Economic Theory. Presented at the Department of Mathematics, Shantou University, Shantou University, Shantou, China.
Journal article - Article	Cao, J. & Piotrowski, Z. (2014). Erratum: Two Variations of the Choquet Game. <i>Kyungpook Mathematical Journal</i> , 54(1), 155-156. Retrieved from: http://kmj.knu.ac.kr/
Oral presentation	Cao, J. (2014, January). An update on the Wijsman topology: Part I. Presented at the School of Mathematics and Statistics, Minnan Normal University, Minnan Normal University, Fujian Province, China.
Oral presentation	Cao, J. (2014, January). An update on the Wijsman topology: Part II. Presented at the School of Mathematics and Statistics, Minnan Normal University, Minnan Normal University, Fujian Province, China.

KATHARINA PARRY

Publication Type	Citation
Conference contribution - Oral Presentation - Paper Presentation	Parry, K. (2014). Bayesian fitting procedures for hydrological point processes.. Paper presented at the 2014 AUT MATHEMATICAL SCIENCES SYMPOSIUM. AUT, Auckland, New Zealand.
Journal article - Article	Parry, K., Hazelton,, M. .. L. .., & Watling,, D. .. P. .. (2014). A new class of doubly stochastic day-to-day dynamic traffic assignment models. <i>EURO Journal on Transportation and Logistics</i> .
Conference contribution - Oral Presentation - Paper Presentation	Parry, K. (2014). Bayesian fitting procedures for hydrological point processes.. Paper presented at the NZSA 2014. Victoria University, Victoria University, Wellington.

KENNETH JOHNSON

Publication Type	Citation
Conference contribution - Paper Published in Proceedings	Sinha, R., Johnson, K., & Calinescu, R. (2014). A Scalable Approach for Re-Configuring Evolving Industrial Control Systems [Abstract]. In A. Grau & R. Zurawski. <i>Emerging Technologies and Factory Automation (ETFA), International Conference on, IEEE International Conference on Emerging Technologies and Factory Automation.</i> , 19, Barcelona, Spain.

KEVIN BYARD

Publication Type	Citation
Oral presentation	Byard, K. (2014, January). The High Energy Universe. Presented at the Stardome Observatory, Lecture Room.
Journal article - Article	Byard, K. (2014). Fast decoding algorithms for coded aperture systems. <i>Nuclear Instruments & Methods in Physics Research</i> , 754, 36-41. Retrieved from: http://www.elsevier.com/locate/nima

LAURIE MCLEOD

Publication Type	Citation
Book - Edited Book	Doolin, B., Lamprou, E., Mitev, N., & McLeod, L. (2014). Information systems and global assemblages: (Re) Configuring actors, artefacts, organizations., 446, Retrieved from: http://www.springer.com/

MEE YANG

Publication Type	Citation
Journal article - Article	Yang, M. L., Al-Anbuky,, & Liu, W. (2014). An Authenticated Key Agreement Scheme for Wireless Sensor Networks. <i>Journal of Sensors and Actuators</i> , 3(3), 181-206. doi: 10.3390/jsan3030181
Thesis / Dissertation - Doctoral Thesis	Yang, M. L. (2014). An Authenticated Key Agreement Scheme for Sensor Networks (Unpublished Doctoral Thesis). Auckland, New Zealand: AUT University.

Conference contribution – Paper Published in Proceedings	Yang, M. L., Al-Anbuky, & Liu, W. (2014). Security of the Multiple-Key Blom's Key Agreement Scheme for Sensor Networks [Abstract]. In N. Cupens–Boulaiah, F. Cuppens, S. Jajodia & A. A. El Kalam. <i>ICT Systems Security and Privacy Protection, 29th IFIP TC 11 International Conference, SEC 2014</i> , 428, (pp. 66–79). Retrieved from: http://download.springer.com/static/pdf/908/bok%253A978-3-642-55415-5.pdf?auth66=1418079511_7130112fe1688ee0b8a1874b45983131&ext=.pdf
Conference contribution – Paper Published in Proceedings	Yang, M. L., Al-Anbuky, A., & Liu, W. (2014). An Identity-Based Authentication Protocol for Sensor Networks [Abstract]. 2014 IEEE Ninth International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP). Singapore EXPO Convention and Exhibition Centre.

MUHAMMAD NAEEM

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Naeem, M., Weber, G., Lutteroth, C., & Dobbie, G. (2014). Optimizing Queue-Based Semi-Stream Joins with Indexed Master Data [Abstract]. In L. Bellatreche & M. K. Mohania. <i>Data Warehousing and Knowledge Discovery, 16th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2014</i> . (pp. 171–182). Retrieved from: http://link.springer.com/chapter/10.1007/978-3-319-10160-6_16
Conference contribution – Paper Published in Proceedings	Ramzan, S., Bajwa, I. S., Ul Haq, I., & Naeem, M. A. (2014). A model transformation from NL to SBVR [Abstract]. In Pichappan. <i>9th IEEE International Conference on Digital Information Management (ICDIM)</i> , (pp. 220–225). doi: 10.1109/ICDIM.2014.6991430
Journal article – Article	Naeem, M. & Jamil, N. (2014). An Efficient Stream-based Join to Process End User Transactions in Real-Time Data Warehousing. <i>Journal of Digital Information Management</i> , 12(3), 201–215. Digital Information Research Foundation.
Conference contribution – Paper Published in Proceedings	Naeem, M. A. (2014). A caching approach to process stream data in data warehouse [Abstract]. (pp. 162–167). doi: 10.1109/ICDIM.2014.6991406

NICOLAS PRADEL

Publication Type	Citation
Journal article – Article	Inoue, M., Algaba-Marcos, J. C., Asada, K., Blundell, R., Brisken, W., Burgos, R., ... Fish, V. (2014). Greenland telescope project: Direct confirmation of black hole with sub-millimeter VLBI. <i>Radio Science</i> , 49(7), 564–571. doi: 10.1002/2014RS005450
Journal article – Article	Raffin, P., Algaba-Marcosa, J. C., Asada, K., Blundell, R., Burgos, R., Chang, C. - C., ... Han, C. C. (2014). The Greenland Telescope (GLT): Antenna status and future plans. <i>Proceedings of SPIE – The International Society for Optical Engineering</i> , 9145, doi: 10.1117/12.2056836
Journal article – Article	Kuo, C. Y., Asada, K., Rao, R., Nakamura, M., Algaba, J. C., Liu, H. B., ... Matsushita, S. (2014). Measuring Mass Accretion Rate Onto the Supermassive Black Hole in M87 Using Faraday Rotation Measure with the Submillimeter Array. <i>Astrophysical Journal Letters</i> , 783(2), doi: 10.1088/2041-8205/783/2/L33

NURUL SARKAR

Publication Type	Citation
Book – Authored Book	Sarkar, N. I. (2014). <i>Improving the Performance of Wireless LANs: A Practical Guide</i> . 1–464. Retrieved from: http://www.crcpress.com/product/isbn/9781466560635
Journal article – Article	Soorty, B. & Sarkar, N. I. (2014). UDP-IPv6 Performance in Peer-to-Peer Gigabit Ethernet using Modern Windows and Linux Systems. <i>International Journal of Computer and Information Technology</i> , 3(3), 496–502. Retrieved from: http://www.ijcit.com/
Oral presentation	Sarkar, N. I. (2014, January). Network Modelling and Performance Evaluation. Presented at the Room B6, CJLU, Hangzhou, China.
Oral presentation	Sarkar, N. I. (2014, January). Digital Combinational Logic Circuit Design. Presented at the Room 301, CJLU, Hangzhou, China.
Chapter or section in books	Sarkar, N. I. & Dole, Y. (2014). <i>Voice and Video over Gigabit Ethernet and ATM Backbone Networks: A Simulation Study</i> , 1, (pp. 174–184). USA: IGI Global.
Journal article – Article	Sarkar, N. I. (2014). Enhancing Teaching and Learning Wi-Fi Networking using Limited Resources to Undergraduates. <i>International Journal of Web-Based Learning and Teaching Technologies</i> , 8(4), 1–18. doi: 10.4018/ijwltt.2013100101
Oral presentation	Sarkar, N. I. (2014, January). Wi-Fi Performance in Residential and Commercial Buildings: Issues and Deployment Guidelines. Presented at the Seminar room, CJLU, Hangzhou, China.
Oral presentation	Sarkar, N. I. (2014, January). Submitting a good thesis for examination. Presented at the WT805, AUT.

Journal article – Article	Sarkar, N. I., Kuang, X., Nisar, K., & Amphawan, A. (2014). Performance Studies of Integrated Network Scenarios in a Hospital Environment. <i>International Journal of Information Communication Technologies and Human Development (IJICTHD)</i> , 6(1), 35–68. doi: 10.4018/ijicthd.2014010103
Oral presentation	Sarkar, N. I. (2014, January). WebLan-Designer 3: A Tool for Teaching and Learning Computer Networking. Presented at the Lecture theatre C301, China Jiliang University.
Other form of output	Sarkar, N. I. (2014). Observing IEEE Day in Conjunction with ComSoc Distinguished Lecturer Talks in New Zealand 2013 [English]., (64), 1–4. Retrieved from: http://www.comsoc.org/gcn
Conference contribution – Oral Presentation – Keynote	Sarkar, N. I. (2014). Recent Development and Research Activities in Wireless Networks [Keynote]. Presented at the 4th International Conference on Electronics, Communications and Networks. Sunworld Hotel, Beijing, Beijing, China.
Oral presentation	Sarkar, N. I. (2014, January). Introduction to Network Modelling and Performance Evaluation. Presented at the Room 3016, Unitec Institute of Technology.
Oral presentation	Sarkar, N. I. (2014, January). Writing a Research Proposal for Postgraduate Study: A Practical Guide. Presented at the Seminar room, CJLU, Hangzhou, China.
Oral presentation	Sarkar, N. I. (2014, January). Introduction to Sequential Logic Design: Registers and Counters. Presented at the Lecture theatre C301, China Jiliang University.
Journal article – Editorial Comment	Zabir, S., Abawajy, J. H., Ahmed, F., Kamruzaman, J., Karim, M. A., & Sarkar, N. I. (2014). Guest editorial <i>Journal of Networks</i> . <i>Journal of Networks</i> , 9(12), 3189–3191. Retrieved from: http://ojs.academypublisher.com/index.php/jnw/article/view/jnw091231893191/0
Oral presentation	Sarkar, N. I. (2014, January). Introduction to Mobile Wireless Network and Applications. Presented at the Room 3016, Unitec Institute of Technology.
Journal article – Article	Sarkar, N. I., Kuang, X., Nisar, K., & Amphawan, A. (2014). Hospital Environment Scenarios using WLAN over OPNET Simulation Tool. <i>International Journal of Information Communication Technologies and Human Development (IJICTHD)</i> , 6(1), 69–90. doi: 10.4018/ijicthd.2014010104
Conference contribution – Oral Presentation – Keynote	Sarkar, N. I. (2014). Use and Misuse of Computer Simulation: Highlighting the Results of a Comprehensive Survey of IEEE Publications [Keynote]. Presented at the EEEEC2014 / CSAC2014. Jianguo Hotel Shanghai, Shanghai, China.
Journal article – Article	Sarkar, N. I. & Gutierrez, J. (2014). Revisiting the Issue of the Credibility of Simulation Studies in Telecommunication Networks: Highlighting the Results of a Comprehensive Survey of IEEE Publications. <i>IEEE Communications Magazine</i> , 52(5), 218–224. Retrieved from: http://www.comsoc.org/commag

PARMA NAND

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Perera, R. & Nand, P. (2014). The role of linked data in content selection [Abstract]., 8862, (pp. 573–586). doi: 10.1007/978-3-319-13560-1
Conference contribution – Paper Published in Proceedings	Nand, P., Perera, R., Sreekumar, A., & Lingmin, H. (2014). A Multi-Strategy Approach for Location Mining in Tweets: AUT NLP Group Entry for ALTA-2014 Shared Task [Abstract]. (pp. 163–170). Retrieved from: http://www.aclweb.org/anthology/U14-1024
Journal article – Article	Perera, R. & Nand, P. (2014). Interaction History Based Answer Formulation for Question Answering. <i>Communications in Computer and Information Science</i> , 468, 128–139. Retrieved from: http://dx.doi.org/10.1007/978-3-319-11716-4_11
Conference contribution – Paper Published in Proceedings	Perera, R. & Nand, P. (2014). Real Text-CS – Corpus Based Domain Independent Content Selection Model [Abstract]. (pp. 599–606). doi: 10.1109/ICTAI.2014.95

PAUL COWPERTWAIT

Publication Type	Citation
Journal article – Article	Cowpertwait, P. & Xie, G. (2014). Consistent information criteria for selecting and optimum autoregressive conditional duration model. <i>International Journal of Statistics and Economics</i> , 14(2), 1–12. Retrieved from: http://www.ceser.in/ceserp/index.php/bse/issue/current

PHILIP CARTER

Publication Type	Citation
Journal article – Article	Carter, P. D. (2014). Qualities of the AANZPA symbol. <i>AANZPA Journal</i> , 23, 90–90.

Journal article – Article	Carter, P. D. (2014). The psychodramatic role test: An examination of the science. <i>The Arts in Psychotherapy</i> , 41, 250–256. Retrieved from: http://sciencedirect.com/
Conference contribution – Workshops or Panel Presentation	Parry, D., Carter, P. D., & Warren, J. (2014). Usability in Healthcare. Presented at the Health Informatics New Zealand. Sky City, New Zealand.
Conference contribution – Paper Published in Proceedings	Al-Sadi, A., Parry, D., & Carter, P. (2014). Usability considerations for Educational Tablet applications using an Arabic Interface [Abstract]. ICICS 2014. Amman Jordan.
Journal article – Article	Carter, P. D. (2014). A discussion on science and research in psychodrama. <i>AANZPA Journal</i> , 23, 54–62.
Journal article – Article	Carter, P. D. (2014). Phantoms in the brain: A neuroscience view of social self repair using the psychodramatic method. <i>Groupwork</i> , 24(2), 45–59. doi: 10.1921/9401240103
Conference contribution – Workshops or Panel Presentation	Carter, P. D. (2014). Stage and page: A play with story. Presented at the The Garden of Spontaneity, AANZPA Conference 2014. University of Melbourne, Melbourne, Australia.
Conference contribution – Oral Presentation – Paper Presentation	Feather, J., Carter, D., Koziol-McLain, J., & Parry, D. (2014). Situated co-inquiry: A method of usability testing to closely appreciate user experiences of an artifact in terms of the health needs and opportunities. Paper presented at the Medicine 2.0 2014. Hawaii.
Journal article – Editorial Comment	Carter, P. D. (2014). Editorial. <i>AANZPA Journal</i> , 23, 1–6.

PHILIP SALLIS

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Nti, I. & Sallis, P. (2014). Geospatial workflow process for modelling complex land use cover change [Abstract]. In D. P. Ames, N. W. T. Quinn & A. E. Rizzoli. <i>Proceedings of the 7th International Congress on Environmental Modelling and Software, 7th International Conference on Environmental Software and Modelling (iEMSs)</i> . Retrieved from: http://www.iemss.org/society/index.php/iemss-2014-proceedings
Conference contribution – Paper Published in Proceedings	Prasad, K., Bassey, E., & Sallis, P. (2014). Electronic nose for gas sensing applications [Abstract]. 2014 Conference on optoelectronic and microelectronic materials and devices (COMMAD2014). (pp. 113–116). IEEE.
Conference contribution – Paper Published in Proceedings	Ghobakhlou, A., Sallis, P., & Wang, X. (2014). A service oriented wireless sensor node management system [Abstract]. I2MTC 2014: 2014 IEEE International Instrumentation and Measurement Technology Conference. (pp. 1475–1479). Montevideo, Uruguay.
Journal article – Article	Shanmuganathan, S. & Sallis, P. (2014). Data Mining Methods to Generate Severe Wind Gust Models. <i>Atmosphere</i> , 5(1), 60–80. Retrieved from: http://www.mdpi.com/rss/journal/atmosphere
Conference contribution – Paper Published in Proceedings	Dannheim, C., Icking, C., Maeder, M., & Sallis, P. (2014). Weather detection in vehicles by means of camera and LIDAR systems [Abstract]. In D. Al-Dabass, V. Ameti, F. Skenderi & F. Halili. <i>Sixth International Conference on Computational Intelligence, Communication Systems and Networks, 2014 Sixth International Conference on Computational Intelligence, Communication Systems and Networks</i> . (pp. 186–191). IEEE online Digital Library I-Xplore.
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., Sallis, P., & Prasad, K. (2014). Wavelet Transform Smoothing Filters for Metal Oxide Gas Sensor Signal Cleaning [Abstract]. 8th International Conference on Sensing Technology 2014. (pp. 538–542). Liverpool, UK.
Conference contribution – Paper Published in Proceedings	Sallis, P., Dannheim, C., Icking, C., & Mäder, M. (2014). Air pollution and fog detection through vehicular sensors [Abstract]. In D. Al-Dabass, J. Y. Kuo, S. Ma & Z. Ibrahim. <i>Asia Modelling Symposium 2014, Eighth Asia International Conference on Mathematical Modelling and Computer Simulation, Asia Modelling Symposium 2014</i> . (pp. 181–186). IEEE Xplore.
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., & Sallis, P. (2014). An evaluation of smoothing filters for gas sensor signal cleaning [Abstract]. In C. Rückemann & M. Pankowska. <i>INFOCOMP 2014 : The Fourth International Conference on Advanced Communications and Computation, The Fourth International Conference on Advanced Communications and Computation</i> . (pp. 19–23). Paris, France.

QUAN BAI

Publication Type	Citation
Journal article – Article	Jiang, J., Bai, Q., Zhang, M., & Yuan, S. (2014). Community Discovery for Knowledge Collaborations in Collective intelligence Systems. <i>Journal of Information Processing</i> , 22(2), 210–218. Retrieved from: http://dx.doi.org/10.2197/ipsjip.22.243

Chapter or section in books	Su, X., Zhang, M., & Bai, Q. (2014). Decentralised Task Allocation under Space, Time and Communication Constraints for Disaster Domain. (pp. 41-57). Springer.
Chapter or section in books	Ren, F., Zhang, M., & Bai, Q. (2014). A Dynamic, Optimal Approach for Multi-Issue Negotiation Under Time Constraints. (pp. 85-108). Springer.
Conference contribution – Paper Published in Proceedings	Su, X., Zhang, M., & Bai, Q. (2014). Task-based Wireless Mobile Agents Search and Deployment for Ad hoc Networks Establishment in Disaster Environments [Abstract]. The 13th Pacific Rim International Conference on Artificial Intelligence. (pp. 1023-1035). doi: 10.1007/978-3-319-13560-1_89
Journal article – Article	Mostafa, A., Zhang, M., & Bai, Q. (2014). Trustworthy Stigmergic Service Composition and Adaptation in Decentralized Environments. Services Computing, IEEE Tran, doi: 10.1109/TSC.2014.2298873
Conference contribution – Paper Published in Proceedings	Nguyen, D. & Bai, Q. (2014). Accountable individual trust from group reputations in Multi-agent Systems [Abstract]. The 13th Pacific Rim International Conference on Artificial Intelligence. (pp. 1063-1075). doi: 10.1007/978-3-319-13560-1_92
Conference contribution – Paper Published in Proceedings	Su, X., Zhang, M., Bai, Q., & Ye, D. (2014). A Dynamic Coordination Approach for Task Allocation in Disaster Environments under Spatial and Communication Constraints [Abstract]. AAAI 2014 Workshop on Multiagent Interaction without Prior Coordination. (pp. 35-41).
Book – Edited Book	Marsa-Maestre, I., Lopez-Carmona, M. A., Ito, T., Zhang, M., Bai, Q., & Fujita, K. (2014). Novel Insights in Agent-based Complex Automated Negotiation. 204. Springer.
Journal article – Article	Xiang, M., Bai, Q., & Liu, W. (2014). Trust-based Adaptive Routing for Smart Grid Systems. Journal of Information Processing, 22(2), 243-252. doi: 10.2197/ipsjip.22.210

RAMESH LAL

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Nand, P., Perera, R., & Lal, R. (2014). A HMM POS tagger for micro-blogging type texts [Abstract], 8862, (pp. 157-169). doi: 10.1007/978-3-319-13560-1

RIVINDU PERERA

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Perera, R. & Nand, P. (2014). The role of linked data in content selection [Abstract], 8862, (pp. 573-586). doi: 10.1007/978-3-319-13560-1

ROOPAK SINHA

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Sinha, R. & Rowe, G. (2014). The Lecture Checklist: Inexpensively Improving Teaching Performance. Paper presented at the Annual Conference of the Australasian Association for Engineering Education (AAEE2014). Wellington, New Zealand, Wellington, New Zealand.
Conference contribution – Paper Published in Proceedings	Sinha, R., Johnson, K., & Calinescu, R. (2014). A Scalable Approach for Re-Configuring Evolving Industrial Control Systems [Abstract]. In A. Grau & R. Zurawski. Emerging Technologies and Factory Automation (ETFA), International Conference on, IEEE International Conference on Emerging Technologies and Factory Automation., 19, Barcelona, Spain.
Journal article – Article	Sinha, R., Girault, A., Goessler, G., & Roop, P. S. (2014). A Formal Approach to Incremental Converter Synthesis for System-on-Chip Design. ACM Transactions on Design Automation of Electronic Systems (TODAES), 20(1), 30. Retrieved from: http://dl.acm.org/citation.cfm?doid=2690851.2663344

RUSSEL PEARS

Publication Type	Citation
Chapter or section in books	Tegginmath, S., Pears, R., & Kasabov, N. (2014). Ontologies and Machine Learning Systems. In Kasabov (Ed.), Springer handbook of bio-/neuroinformatics (pp. 865-872). Berlin: Springer.
Conference contribution – Paper Published in Proceedings	Sripirakas, S. & Pears, R. (2014). Mining recurrent concepts in data streams using the discrete Fourier transform [Abstract], 8646 LNCS, (pp. 439-451).
Conference contribution	Huang, D. T. J., Koh, Y. S., Dobbie, G., & Pears, R. (2014). Detecting changes in rare patterns from data streams., 8444 LNAI(PART 2), 437-448.

Journal article – Article	Finlay, J., Pears, R., & Connor, A. M. (2014). Data stream mining for predicting software build outcomes using source code metrics. <i>Information and Software Technology</i> , 56(2), 183-198. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0950584913001766
Conference contribution – Paper Published in Proceedings	Connor, A. M., Finlay, J., A. ..., & Pears, R. (2014). Mining Developer Communication Streams [Abstract]. In D. C. Wyld, N. Meghanathan & D. Nagamali. <i>CS & IT-CSCP 2014, Fourth International Conference on Computer Science & Information Technology</i> . (pp. 13-25). Retrieved from: http://airccj.org/CSCP/vol4/csit41902.pdf
Conference contribution – Paper Published in Proceedings	Pears, R., Finlay, J. A., & Connor, A. M. (2014). Synthetic Minority Over-sampling TEchnique (SMOTE) for Predicting Software Build Outcomes [Abstract]. <i>Twenty-Sixth International Conference on Software Engineering and Knowledge Engineering (SEKE 2014)</i> . (pp. 546-551). Retrieved from: http://www.ksi.edu/seke/Proceedings/seke/SEKE2014_Proceedings.pdf
Journal article – Article	Pears, R., Sakthithasan, S., & Koh, Y. S. (2014). Detecting concept change in dynamic data streams. <i>Machine Learning</i> , 1-35.
Journal article – Article	Pears, R., Sakthithasan, S., & Koh, Y. S. (2014). Detecting concept change in dynamic data streams: A sequential approach based on reservoir sampling. <i>Machine Learning</i> , 97(3), 259-293. doi: 10.1007/s10994-013-5433-9
Journal article – Article	Koh, Y. S. & Pears, R. (2014). Efficient negative association rule mining based on chance thresholds. <i>Intelligent Data Analysis</i> , 18(2), 243-260.
Conference contribution – Paper Published in Proceedings	Hartono, R., Pears, R., Kasabov, N., & Worner, S. (2014). Extracting Temporal Knowledge from Time Series: A Case Study in Ecological Data [Abstract]. <i>2014 International Joint Conference on Neural Networks (IJCNN)</i> . (pp. 4237-4243). IEEE.
Conference contribution – Paper Published in Proceedings	Zagorac, S. & Pears, R. (2014). Web materialization formulation: Modelling feasible solutions [Abstract], 8645 LNC3(PART 2), (pp. 366-374). doi: 10.1007/978-3-319-10085-2-34

SARAH MARSHALL

Publication Type	Citation
Journal article – Article	Marshall, S. & Archibald, T. W. (2014). Substitution in hybrid remanufacturing. <i>Procedia CIRP</i> , 26, 583-588. Retrieved from: http://www.sciencedirect.com/science/article/pii/S2212827114008865

SERGIY KLYMCHUK

Publication Type	Citation
Journal article – Article	Klymchuk, S. (2014). Provocative mathematics questions: Drawing attention to a lack of attention. <i>Teaching Mathematics and Its Applications</i> , 8. Retrieved from: http://teamat.oxfordjournals.org/cgi/content/abstract/hru022?ijkey=NfV4LsLoOIEONGI&keytype=ref
Journal article – Article	Klymchuk, S. (2014). Experience with using counterexamples in an introductory calculus class. <i>International Journal of Mathematical Education in Science and Technology</i> , 45(8), 1260-1265. doi: 10.1080/0020739X.2014.920533
Conference contribution – Published Abstract	Klymchuk, S. (2014). Enhancing Motivation and Engagement of Tertiary STEM Students through Puzzles, Paradoxes, Provocations and Sophisms [Abstract]. <i>Tertiary Education Research New Zealand Conference 2014 (TERNZ-2014)</i> . (2 pages). Retrieved from: http://flexiblelearning.auckland.ac.nz/ternz2014-programme/
Oral presentation	Klymchuk, S. (2014, January). The role of attention in the praxis of knowledge of school mathematics teachers. Presented at the Department of Mathematics of the University of Auckland, New Zealand.

SHAMEER SATHAR

Publication Type	Citation
Journal article – Article	Sathar, S., Trew, M. L., Du, P., O'grady, G., & Cheng, L. K. (2014). A biophysically based finite-state machine model for analyzing gastric experimental entrainment and pacing recordings. <i>Annals of Biomedical Engineering</i> , 42(4), 858-870.

SHOBA TEGGINMATH

Publication Type	Citation
Chapter or section in books	Tegginmath, S., Pears, R., & Kasabov, N. (2014). Ontologies and Machine Learning Systems. In Kasabov (Ed.), <i>Springer handbook of bio-/neuroinformatics</i> (pp. 865-872). Berlin: Springer.

STEPHEN MACDONELL

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Felizardo, K. R., Nakagawa, E. Y., MacDonell, S. G., & Maldonado, J. C. (2014). A visual analysis approach to update systematic reviews [Abstract].
Conference contribution – Paper Published in Proceedings	Licorish, S. A. & Macdonell, S. G. (2014). Combining text mining and visualization techniques to study teams' behavioral processes [Abstract]. (pp. 16–20). doi: 10.1109/MUD.2014.10
Conference contribution – Paper Published in Proceedings	Licorish, S. A. & MacDonell, S. G. (2014). Personality profiles of global software developers [Abstract].
Conference contribution – Paper Published in Proceedings	Tahir, A., MacDonell, S. G., & Buchan, J. (2014). Understanding class-level testability through dynamic analysis [Abstract]. (pp. 38–47).
Journal article – Article	Licorish, S. A. & MacDonell, S. G. (2014). Understanding the attitudes, knowledge sharing behaviors and task performance of core developers: A longitudinal study. <i>Information and Software Technology</i> , 56(12), 1578–1596.
Conference contribution – Paper Published in Proceedings	Kirk, D. & MacDonell, S. G. (2014). Investigating a conceptual construct for software context [Abstract].
Conference contribution – Paper Published in Proceedings	Kirk, D. & MacDonell, S. G. (2014). Categorising software contexts [Abstract]. Retrieved from: http://aisel.aisnet.org/amcis2014/

STEPHEN THORPE

Publication Type	Citation
Conference contribution – Workshops or Panel Presentation	Thorpe, S. J. (2014). 21st Century Education: Addressing a rapidly changing world filled with new problems and exciting new possibilities. Presented at the 6th Association of Cambridge Schools New Zealand Conference. Stamford Plaza Auckland, Auckland.

SUBANA SHANMUGANATHAN

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Shanmuganathan, S., Ibrahim, R., & Bakori, S. H. B. (2014). A data mining approach to analysing airborne wood particulate concentration and atmospheric data [Abstract]. 6th International Conference on Information Technology and Multimedia at UNITEN (ICIM μ 2014), eISBN 978-967-5770-60-9, (pp. 243–248). Retrieved from: http://icimu.uniten.edu.my/index.php/online-proceedings
Conference contribution – Workshops or Panel Presentation	Shanmuganathan, S. (2014). Palm Oil Ecosystem. Presented at the International Workshop on Mathematical Modelling for Applications –2014 Track B: Palm Oil Ecosystem. Swiss Garden Hotel, 117, Jalan Pudu, Kuala Lumpur, Malaysia, Kuala Lumpur, Malaysia.
Journal article – Article	Shanmuganathan, S. & Sallis, P. (2014). Data Mining Methods to Generate Severe Wind Gust Models. <i>Atmosphere</i> 2014, 5(1), 60–80. Retrieved from: http://www.mdpi.com/about
Conference contribution – Paper Published in Proceedings	Shanmuganathan, S., Narayanan, A., Mohamed, M., Ibrahim, R., & Haron, K. (2014). A Hybrid Approach to Modelling the Climate Change Effects on Malaysia's Oil Palm Yield at the Regional Scale [Abstract]. In T. Herawan, R. Ghazali, M. M. Deris & Janusz Kacprzyk series. The First International Conference on Soft Computing and Data Mining (SCDM 2014), The First International Conference on Soft Computing and Data Mining (SCDM 2014), Advances in Intelligent Systems and Computing 287, (pp. 335–345). Retrieved from: http://www.springer.com/series/11156
Journal article – Article	Shanmuganathan, S. (2014). FROM DATA MINING AND KNOWLEDGE DISCOVERY TO BIG DATA ANALYTICS AND KNOWLEDGE EXTRACTION FOR APPLICATIONS IN SCIENCE. <i>Journal of Computer Science</i> , 10(12), 1–8. doi: 10.3844/jcssp.2014
Conference contribution – Paper Published in Proceedings	Shanmuganathan, S. (2014). A hybrid approach to pixel data mining [Abstract]. In C. K. Loo, K. S. Yap, K. W. Wong, A. Teoh & K. Huang. <i>Neural Information Processing: 21st International Conference, "The Next Renaissance of Neural Information Processing"</i> . proceedings of 21st International Conference on Neural Information Processing (ICONIP2014), volume 8834 of the Lecture Notes in Computer Science series (ICONIP 2014, Part I, LNCS 8834, pp. 429–437, 2014.), (pp. 429–437). Retrieved from: http://link.springer.com/book/10.1007/978-3-319-12637-1

TUCK LEONG

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Chong, J. L. L., Teo, S. T. T., Leong, P., & Tan, F. B. (2014). Knowledge management and IT project success: A meta-analytic review [Abstract]. Australasia Conference on Information Systems. Retrieved from: http://aut.researchgateway.ac.nz/handle/10292/8098

TUNG NGUYEN

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Nguyen, D. & Bai, Q. (2014). Accountable individual trust from group reputations in Multi-agent Systems [Abstract]. The 13th Pacific Rim International Conference on Artificial Intelligence. (pp. 1063-1075). doi: 10.1007/978-3-319-13560-1_92

VITALI BABAKOV

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Babakov, V. (2014). Slow Penetration of a Plane Punch into a Plastic Medium [Abstract]. In G. Mmopelwa, F. J. Ogwu, G. O. Anderson & N. M. Anderson. Proceedings of the IASTED International Conference on Modelling, Simulation and Optimatization, The 5th IASTED African Conference on Modelling and Simulation. doi: 10.2316/P.2014.813-003

WAI YEAP

Publication Type	Citation
Journal article – Article	Yeap, W. K. (2014). On egocentric and allocentric maps. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8684 LNAI, 62-75.

WEI-QI YAN

Publication Type	Citation
Journal article – Article	Chiem, P. & Yan, W-Q. (2014). An overview of penetration testing. International journal of digital crime and forensics, 6(4), 49-73. doi: 10.4018/ijdcf.2014100104
Journal article – Article	Rahul, C. & Yan, W-Q. (2014). Attack Graph Analysis for Network Anti-Forensics. International Journal of Digital Crime and Forensics, 6(1), 28-50. Retrieved from: http://www.igi-global.com/article/attack-graph-analysis-for-network-anti-forensics/110395
Book – Authored Book	Liu, F. & Yan, W. Q. (2014). Visual Cryptography for Image Processing and Security. Retrieved from: http://www.springer.com/computer/image+processing/book/978-3-319-09643-8
Journal article – Article	Wang G, Liu F, & Yan, W-Q. (2014). 2D Barcodes for visual cryptography. Multimedia Tools and Applications, 1-20. Retrieved from: http://link.springer.com/article/10.1007/s11042-014-2365-8?sa_campaign=email/event/articleAuthor/onlineFirst
Oral presentation	Yan, W-Q. (2014, January). Visual Event Computing. Presented at the Xi'an Jiaotong University, 1st Meeting Room (RM 344), School of Electronic and Information Engineering.
Journal article – Article	Chambers J, Yan W-Q, Garhwal A, Kankanhalli M (2014). Currency Security and Forensics: A Survey. Multimedia Tools and Applications, 1-32. Retrieved from: http://link.springer.com/article/10.1007/s11042-013-1809-x?sa_campaign=email/event/articleAuthor/onlineFirst

WENJUN ZHANG

Publication Type	Citation
Journal article – Article	Zhang, W., Tsai, J. C., & Sneyd, J. (2014). Curvature dependence of propagating velocity for a simplified calcium model. arXiv.org.
Journal article – Article	Zhang, W. & Holt, J. (2014). A debt behaviour model. arXiv.org.

ZHIYONG LIU

Publication Type	Citation
Journal article – Article	Yang, M. L., Al-Anbuky, & Liu, W. (2014). An Authenticated Key Agreement Scheme for Wireless Sensor Networks. Journal of Sensors and Actuators, 3(3), 181-206. doi: 10.3390/jsan3030181
Journal article – Article	Rakjit, C., Liu, W., & Gutierrez, J. (2014). An Energy Efficient Scheduling Manager for Cloud-Based Mobile Navigation Applications. International Journal of Business Data Communications and Networking, 10(2), 47-68. Retrieved from: http://www.igi-global.com/

Conference contribution – Paper Published in Proceedings	Yang, M. L., Al-Anbuky,, & Liu, W. (2014). Security of the Multiple-Key Blom's Key Agreement Scheme for Sensor Networks [Abstract]. In N. Cupens–Boulahia, F. Cuppens, S. Jajodia & A. A. El Kalam. ICT Systems Security and Privacy Protection, 29th IFIP TC 11 International Conference, SEC 2014., 428, (pp. 66–79). Retrieved from: http://download.springer.com/static/pdf/908/bok%253A978-3-642-55415-5.pdf?auth66=1418079511_7130112fe1688ee0b8a1874b45983131&ext=.pdf
Thesis / Dissertation – Doctoral Thesis	Yang, M. L. (2014). An Authenticated Key Agreement Scheme for Sensor Networks (Unpublished Doctoral Thesis). Auckland, New Zealand: AUT University.
Journal article – Article	Xiang, M., Bai, Q., & Liu, W. (2014). Trust-based Adaptive Routing for Smart Grid Systems. Special Issue of Multiagent-based Societal Systems in Journal of Information Processing (accepted and under revision, to be published on the J-Stage website in April, 2014. Preprint will be published on the IPSJ Journal in April, 2014), 9. Retrieved from: http://www.ipsj.or.jp/english/jip/cfp/14-V.html
Conference contribution – Paper Published in Proceedings	Northover, J. & Liu,, W. (2014). A Badge of Honour [Abstract]. In J. McDonald, & B. Hegarty,. Rhetoric and Reality: Critical Perspectives on educational technology., Rhetoric and Reality: Critical perspectives on educational technology, the 31st Ascilite Conference. (pp. 505–508). Ascilite.

COMPUTER AND MATHEMATICAL SCIENCES

- Institute for Radio Astronomy and Space Research (IRASR)

LEWIS WOODBURN

Publication Type	Citation
Journal article – Article	Woodburn, L., Natusch, T., Weston, S., Thomasson, P., Godwin, M., & Gulyaev, S. (2014). Conversion of New Zealand's 30m Telecommunication Antenna into a Radio Telescope.

PETER THOMASSON

Publication Type	Citation
Journal article – Article	Thomasson, P. & Del Monte, H. (2014). Cognitive Radio and White Space Devices – Part 1. CRAF Newsletter 28, 6–7.
Journal article – Article	Parijskij, Y. N., Thomasson, P., Kopylov, A. I., Zhelenkova, O. P., Muxlow, T. W. B., Beswick, R., ... Verkhodanov, O. V. (2014). Observations of the $z = 4.514$ radio galaxy rc j0311+0507. Monthly Notices of the Royal Astronomical Society, 439(3), 2314–2322. doi: 10.1093/mnras/stu047

SERGEI GULYAEV

Publication Type	Citation
Conference contribution – Published Abstract	Plank, L., Lovell, J., Bohm, J., Mayer, D., McCullum, J., Rastorgueva-Fio, E., ... Weston, S. (2014). Results from the Regional AUSTRAL VLBI Sessions for Southern Hemisphere Reference Frames [Abstract]. IAG Commission 1 Symposium 2014: Reference Frames for Applications in Geosciences (REFAG2014). Kirchberg, Luxembourg.
Oral presentation	Gulyaev, S. (2014, January). SKA-1 Overview. Presented at the SKA Workshop at AUT, SKA Workshop at AUT.
Report – Commissioned	Takiguchi, H., Weston, S., Natusch, T., & Gulyaev, S. (2014). Warkworth Radio Astronomical Observatory, New Zealand. 180–183. International VLBI Service, Annual Report 2013, NASA.
Journal article – Article	Woodburn, L., Natusch, T., Weston, S., Thomasson, P., Godwin, M., & Gulyaev, S. (2014). Conversion of New Zealand's 30m Telecommunication Antenna into a Radio Telescope.

STUART WESTON

Publication Type	Citation
Oral presentation	Weston, S. (2014, January). Radio Astronomy. Presented at the AUT, WA224.
Conference contribution – Published Abstract	Plank, L., Lovell, J., Bohm, J., Mayer, D., McCullum, J., Rastorgueva-Fio, E., ... Weston, S. (2014). Results from the Regional AUSTRAL VLBI Sessions for Southern Hemisphere Reference Frames [Abstract]. IAG Commission 1 Symposium 2014: Reference Frames for Applications in Geosciences (REFAG2014). Kirchberg, Luxembourg.
Journal article – Article	Woodburn, L., Natusch, T., Weston, S., Thomasson, P., Godwin, M., & Gulyaev, S. (2014). Conversion of New Zealand's 30m Telecommunication Antenna into a Radio Telescope.

Oral presentation	Weston, S. (2014, January). DR3 XID Update. Presented at the Video Conference, Video Conference.
Oral presentation	Weston, S. (2014, January). Radio Astronomy in New Zealand. Presented at the Auckland Astronomical Society, Stardome observatory & planetarium.
Oral presentation	Weston, S. (2014, January). Astronomy: Tracking SpaceX for International Space Station. Presented at the Compucon House, Albany.
Conference contribution - Oral Presentation - Paper Presentation	Weston, S. (2014). Expanding New Zealand VLBI Capability And The 30m Dish. Paper presented at the The Third International VLBI Technology Workshop. Dwingeloo, where the headquarters of JIVE and its host insitute ASTRON are located, Groningen, Netherlands.

TIMOTHY NATUSCH

Publication Type	Citation
Journal article - Article	Yee, J. C., Han, C., Gould, A., Skowron, J., Bond, I. A., Udalski, A., ... Nelson, P. (2014). MOA-2013-BLG-220Lb: Planetary Companion to a Possible Brown Dwarf Host.
Journal article - Article	Natusch, T. (2014). Application of Lossless Data Compression Techniques to Radio Astronomy Data flows.
Journal article - Article	Park, H., Han, C., Gould, A., Udalski, A., Sumi, T., Fouqué, P., ... Dong, S. (2014). OGLE-2012-BLG-0455/MOA-2012-BLG-206: Microlensing event with ambiguity in planetary interpretations caused by incomplete coverage of planetary signal.
Journal article - Article	Gould, A., Udalski, A., Shin, I. G., Porritt, I., Skowron, J., Han, C., ... Poleski, R. (2014). Exoplanet detection. A terrestrial planet in a ~1-AU orbit around one member of a ~15-AU binary. <i>Science</i> , 345(6192), 46-49. doi: 10.1126/science.1251527
Journal article - Article	Olkin, C. B., Young, L. A., French, R. G., Young, E. F., Buie, M. W., Howell, R. R., ... Ramm, D. J. (2014). Pluto's atmospheric structure from the July 2007 stellar occultation. <i>Icarus</i> , 239, 15-22.
Journal article - Article	Henderson, C. B., Park, H., Sumi, T., Udalski, A., Gould, A., Tsapras, Y., ... Abe, F. (2014). Candidate Gravitational Microlensing Events for Future Direct Lens Imaging.
Journal article - Article	Gould, A., Udalski, A., Shin, I. G., Porritt, I., Skowron, J., Han, C., ... Poleski, R. (2014). A Terrestrial Planet in a ~1 AU Orbit Around One Member of a ~15 AU Binary. <i>Science</i> , v345, p46-49, 2014.
Conference contribution - Published Abstract	Plank, L., Lovell, J., Bohm, J., Mayer, D., McCullum, J., Rastorgueva-Fio, E., ... Weston, S. (2014). Results from the Regional AUSTRAL VLBI Sessions for Southern Hemisphere Reference Frames [Abstract]. IAG Commission 1 Symposium 2014: Reference Frames for Applications in Geosciences (REFAG2014). Kirchberg, Luxembourg.
Journal article - Article	Skowron, J., Shin, I. G., Udalski, A., Han, C., Sumi, T., Shvartzvald, Y., ... Jørgensen, U. G. (2014). OGLE-2011-BLG-0265Lb: a Jovian Microlensing Planet Orbiting an M Dwarf. http://arxiv.org/
Journal article - Article	Woodburn, L., Natusch, T., Weston, S., Thomasson, P., Godwin, M., & Gulyaev, S. (2014). Conversion of New Zealand's 30m Telecommunication Antenna into a Radio Telescope.

COMPUTER AND MATHEMATICAL SCIENCES

- Knowledge Engineering and Discovery Research Institute (KEDRI)

ENMEI TU

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Taylor, D., Scott, N., Kasabov, N., Capecci, E., Tu, E., Saywell, N., ... Hou, Z. (2014). Feasibility of NeuCube SNN architecture for detecting motor execution and motor intention for use in BCI applications [Abstract]. IEEE World Congress on Computational Intelligence. (pp. 3221–3225). IEEE.
Conference contribution – Paper Published in Proceedings	Kasabov, N., Tu, E., Othman, M., Li, Y., Worner, S., Yang, J., & Jia, Z. (2014). NeuCube(ST) for Spatio-Temporal Data Predictive Modelling with a Case Study on Ecological Data [Abstract]. 2014. (pp. 638–645). IEEE.
Conference contribution – Paper Published in Proceedings	Othman, M., Kasabov, N., Tu, E., Feigin, V., Krishnamurthi, R., Hou, Z., ... Hu, J. (2014). Improved predictive personalized modelling with the use of Spiking Neural Network System and a case study on stroke occurrences data [Abstract]. 2014 International Joint Conference on Neural Networks (IJCNN). (pp. 3197–3204). IEEE.

MOHAINI OTHMAN

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Othman, M., Kasabov, N., Tu, E., Feigin, V., Krishnamurthi, R., Hou, Z., ... Hu, J. (2014). Improved predictive personalized modelling with the use of Spiking Neural Network System and a case study on stroke occurrences data [Abstract]. 2014 International Joint Conference on Neural Networks (IJCNN). (pp. 3197–3204). IEEE.
Conference contribution – Paper Published in Proceedings	Kasabov, N., Tu, E., Othman, M., Li, Y., Worner, S., Yang, J., & Jia, Z. (2014). NeuCube(ST) for Spatio-Temporal Data Predictive Modelling with a Case Study on Ecological Data [Abstract]. 2014. (pp. 638–645). IEEE.

NIKOLA KASABOV

Publication Type	Citation
Chapter or section in books	Kasabov, N. (2014). Understanding Nature Through the Symbiosis of Information Science, Bioinformatics and Neuroinformatics. In Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics (pp. 1–13). Springer: Springer-Verlag.
Conference contribution – Paper Published in Proceedings	Hu, J., Hou, Z., Chen, Y., Kasabov, N., & Scott, N. (2014). EEG-Based Classification of Upper-Limb ADL Using SNN for Active Robotic Rehabilitation. 2014 5th IEEE RAS & EMBS International Conference on Biomedical Robotics and Biomechatronics. (pp. 409–414). doi: 10.1109/BIOROB.2014.6913811
Conference contribution – Paper Published in Proceedings	Zhang, W., Yang, J., Jia, W., Kasabov, N., Jia, Z., & Zhou, L. (2014). Unsupervised Segmentation Using Cluster Ensembles [Abstract]. The 21st International Conference on Neural Information Processing. (pp. 76–84). Springer International Publishing Switzerland.
Chapter or section in books	Kasabov, N. (2014). Brain, Gene, and Quantum Inspired Computational Intelligence. In Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics (pp. 1083–1098). Berlin: Springer-Verlag.
Conference contribution – Paper Published in Proceedings	Taylor, D., Scott, N., Kasabov, N., Capecci, E., Tu, E., Saywell, N., ... Hou, Z. (2014). Feasibility of NeuCube SNN architecture for detecting motor execution and motor intention for use in BCI applications. IEEE World Congress on Computational Intelligence. (pp. 3221–3225). IEEE.
Chapter or section in books	Tegginmath, S., Pears, R., & Kasabov, N. (2014). Ontologies and Machine Learning Systems. In Kasabov (Ed.), Springer handbook of bio-/neuroinformatics (pp. 865–872). Berlin: Springer.
Book – Edited Book	Kasabov, N. (2014). Springer Handbook of Bio-/Neuro-informatics. 1230. doi: 10.1007/978-3-642-30574-0
Journal article – Article	Kasabov, N. (2014). NeuCube: A spiking neural network architecture for mapping, learning and understanding of spatio-temporal brain data. Neural Networks, 52, 62–76. doi: 10.1016/j.neunet.2014.01.006
Conference contribution – Paper Published in Proceedings	Kasabov, N., Tu, E., Othman, M., Li, Y., Worner, S., Yang, J., & Jia, Z. (2014). NeuCube(ST) for Spatio-Temporal Data Predictive Modelling with a Case Study on Ecological Data [Abstract]. 2014. (pp. 638–645). IEEE.
Conference contribution – Paper Published in Proceedings	Tu, E., Yang, J., Jia, Z., & Kasabov, N. (2014). Posterior Distribution Learning (PDL): A Novel Supervised Learning Framework [Abstract]. The 21st International Conference on Neural Information Processing (ICONIP 2014). (pp. 86–94). Springer International Publishing, Switzerland.
Chapter or section in books	Liang, L., Krishnamurthi, R., Kasabov, N., & Feigin, V. (2014). Information methods for predicting risk and outcome of stroke. In Kasabov (Ed.), Springer Handbook of Bio-Neuroinformatics Berlin: Springer Verlag.
Journal article – Article	Tu, E., Cao, L., Yang, J., & Kasabov, N. (2014). A novel graph-based k-means for nonlinear manifold clustering and representative selection. Neurocomputing, doi: 10.1016/j.neucom.2014.05.067

Conference contribution – Paper Published in Proceedings	Othman, M., Kasabov, N., Tu, E., Feigin, V., Krishnamurthi, R., Hou, Z., ... Hu, J. (2014). Improved predictive personalized modelling with the use of Spiking Neural Network System and a case study on stroke occurrences data [Abstract]. 2014 International Joint Conference on Neural Networks (IJCNN). (pp. 3197–3204). IEEE.
Chapter or section in books	Hu, Y., Kasabov, N., & Liang, W. (2014). Personalised Information Modelling Technologies for Personalised Medicine. In Kasabov (Ed.), Springer Handbook of Bio- and Neuroinformatics (pp. 533–553). Springer.
Journal article – Article	Kasabov, N., Feigin, V., Hou, Z. – G., Chen, Y., Liang, L., Krishnamurthi, R., ... Parmar, P. (2014). Evolving spiking neural networks for personalised modelling, classification and prediction of spatio-temporal patterns with a case study on stroke. <i>Neurocomputing</i> , 134, 269–279. doi: 10.1016/j.neucom.2013.09.049
Journal article – Article	Feigin, V. L., Parmar, P. G., Barker-Collo, S., Bennett, D. A., Anderson, C. S., Thrift, A. G., ... Bejot, B. (2014). Geomagnetic storms can trigger stroke: Evidence from 6 large population-based studies in Europe and Australasia. <i>Stroke</i> , 45(6), 1639–1645. doi: 10.1161/STROKEAHA.113.004577
Conference contribution – Paper Published in Proceedings	Hartono, R., Pears, R., Kasabov, N., & Worner, S. (2014). Extracting Temporal Knowledge from Time Series: A Case Study in Ecological Data [Abstract]. 2014 International Joint Conference on Neural Networks (IJCNN). (pp. 4237–4243). IEEE.
Book – Edited Book	Koprinkova-Hristova, P., Mladenov, V., & Kasabov, N. (2014). Artificial Neural Networks Methods and Applications in Bio-/Neuroinformatics., 4, 1–488. doi: 10.1007/978-3-319-09903-3
Chapter or section in books	Schliebs, S. & Kasabov, N. (2014). Computational Modeling with Spiking Neural Networks. In Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics (pp. 625–646). Heidelberg: Springer-Verlag Berlin.
Chapter or section in books	Georgieva, P., Silva, F., Milanova, M., & Kasabov, N. (2014). EEG Signal Processing for Brain-Computer Interfaces. In Kasabov (Ed.), Springer Handbook for Bio-/Neuroinformatics (pp. 797–812). Berlin: Springer-Verlag.
Journal article – Article	Kasabov, N. & Capecci, E. (2014). Spiking neural network methodology for modelling, recognition and understanding of EEG spatio-temporal data measuring cognitive processes during mental tasks. <i>Information Sciences</i> , doi: 10.1016/j.ins.2014.06.028
Conference contribution – Paper Published in Proceedings	Doborjeh, M., Capecci, E., & Kasabov, N. (2014). Classification and segmentation of fMRI Spatio-Temporal Brain Data with a NeuCube Evolving Spiking Neural Network Model, [Abstract]. IEEE SSCI 2014. Orlando, USA.
Conference contribution – Paper Published in Proceedings	Murli, N., Kasabov, N., & Handaga, B. (2014). Classification of fMRI Data in the NeuCube Evolving Spiking Neural Network Architecture [Abstract]. In Loo. ICONIP 2014, ICONIP 2014. (pp. 421–428). Springer International Publishing Switzerland.

REGGIO HARTONO

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Hartono, R., Pears, R., Kasabov, N., & Worner, S. (2014). Extracting Temporal Knowledge from Time Series: A Case Study in Ecological Data [Abstract]. 2014 International Joint Conference on Neural Networks (IJCNN). (pp. 4237–4243). IEEE.

ENGINEERING

• School of Engineering

ADNAN AL-ANBUKY

Publication Type	Citation
Journal article – Article	Liu, Y., Seet, B. -. C., & Al-Anbuky, A. (2014). Ambient Intelligence Context-Based Cross-Layer Design in Wireless Sensor Networks. <i>Sensors</i> , 14(10), 19057–19085. Retrieved from: http://www.mdpi.com/journal/sensors
Conference contribution – Paper Published in Proceedings	Yang, M. L., Al-Anbuky, A., & Liu, W. (2014). An Identity-Based Authentication Protocol for Sensor Networks [Abstract]. 2014 IEEE Ninth International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP). Singapore EXPO Convention and Exhibition Centre.
Thesis / Dissertation – Doctoral Thesis	Yang, M. L. (2014). An Authenticated Key Agreement Scheme for Sensor Networks (Unpublished Doctoral Thesis). Auckland, New Zealand: AUT University.
Journal article – Article	Rawi, M. I. M. & Al-Anbuky, A. (2014). Wireless sensor networks and human comfort index. <i>Personal and Ubiquitous Computing</i> , 17(5), 999–1011. Retrieved from: http://dl.acm.org/citation.cfm?id=2558261&CFID=400085851&CFTOKEN=76948249
Conference contribution – Paper Published in Proceedings	Al-Anbuky, A. (2014). Sensor-Actuator Smart lighting System: System Organizational Concept and Challenges [Abstract]. In M. Höjer, P. Lago & J. Wangel. Proceedings of the 2014 conference ICT for Sustainability, ICT4S 2014., 2, (pp. 311–316). Retrieved from: http://www.atlantis-press.com/php/pub.php?publication=ict4s-14
Conference contribution – Paper Published in Proceedings	Altaf, S., Al-Anbuky, A., & Gholamhosseini, H. (2014). Fault diagnosis in a distributed motor network using Artificial Neural Network [Abstract]. <i>SPEEDAM 2014</i> . (pp. 190–197). doi: 10.1109/SPEEDAM.2014.6871946
Conference contribution – Paper Published in Proceedings	Yang, M. L., Al-Anbuky,, & Liu, W. (2014). Security of the Multiple-Key Blom's Key Agreement Scheme for Sensor Networks [Abstract]. In N. Cupens–Boulahia, F. Cuppens, S. Jajodia & A. A. El Kalam. <i>ICT Systems Security and Privacy Protection, 29th IFIP TC 11 International Conference, SEC 2014.</i> , 428, (pp. 66–79). Retrieved from: http://download.springer.com/static/pdf/908/bok%253A978-3-642-55415-5.pdf?auth66=1418079511_7130112fe1688ee0b8a1874b45983131&ext=.pdf
Journal article – Article	Yang, M. L., Al-Anbuky,, & Liu, W. (2014). An Authenticated Key Agreement Scheme for Wireless Sensor Networks. <i>Journal of Sensors and Actuators</i> , 3(3), 181–206. doi: 10.3390/jsan3030181
Journal article – Article	Al-Anbuky, A. & Ezdiani,, S. (2014). Modelling the Integrated QoS for Wireless Sensor Networks with Heterogeneous Data Traffic. <i>Open Journal of Internet Of Things (OJIOT)</i> , 1(1), 1–15. Retrieved from: http://www.ronpub.com/index.php/journals/ojiot/issues
Conference contribution – Paper Published in Proceedings	Altaf, S., Al-Anbuky, A., & Hosseini, H. G. (2014). Fault signal propagation in a network of distributed motors [Abstract]. 2014 IEEE 8th International Power Engineering and Optimization Conference (PEOCO2014). (pp. 59–63). Malaysia.
Journal article – Article	Sabit, H. & Al-Anbuky, A. (2014). Multivariate spatial condition mapping using subtractive fuzzy cluster means. <i>Sensors (Switzerland)</i> , 14(10), 18960–18981. doi: 10.3390/s141018960

ALI GHAFFARIANHOSEINI

Publication Type	Citation
Journal article – Review	GhaffarianHoseini, A. & GhaffarianHoseini,, A. H. (2014). Fundamentals of green roofs: A comprehensive guide to theory and practice. <i>urban fo</i> , 13(4), 831–832.
Journal article – Article	Halawa, E., GhaffarianHoseini, A., & Hin Wa Li, D. (2014). Empirical correlations as a means for estimating monthly average daily global radiation: A critical overview. <i>Renewable Energy</i> , 72, 149–153. doi: 10.1016/j.renene.2014.07.004
Journal article – Article	Berardi, U. & GhaffarianHoseini, A. (2014). State-of-the-art analysis of the environmental benefits of green roofs. <i>Applied Energy</i> , 115, 411–428. doi: 10.1016/j.apenergy.2013.10.047
Journal article – Article	Ghaffarianhoseini, A., Berardi, U., Dahlan, N. D., & Ghaffarianhoseini, A. (2014). What can we learn from Malay vernacular houses? <i>Sustainable Cities and Society</i> , 13, 157–170. doi: 10.1016/j.scs.2014.04.008
Book – Authored Book	GhaffarianHoseini, A., GhaffarianHoseini, A. H., & Rafiee, A. (2014). <i>Formal Reflections in Architectural Conceptualization: Rationality versus Sensation</i> . 152. Retrieved from: http://www.imagespublishing.com/

ANDREW LOWE

Publication Type	Citation
Journal article – Abstract	Sluyter, J., Hughes, A., Lowe, A., Parker, K., Hametner, B., Wassertheurer, S., & Scragg, R. (2014). Antihypertensive medicines of up to 4–drug combinations in a large, community-based study: differential relationships with brachial blood pressure and aortic waveform parameters. <i>Artery Research</i> , 8, 131–131. Retrieved from: http://www.sciencedirect.com/science/article/pii/S1872931214001513

Journal article – Article	Lin, H. C., Lowe, A., & Al-Jumaily, A. (2014). Non-invasive blood pressure measurement algorithm using neural networks. <i>Artificial Intelligence Research</i> , 3(2), 16-23. Retrieved from: http://www.sciedu.ca/journal/index.php/air/article/view/4529
Journal article – Abstract	Sluyter, J., Hughes, A., Lowe, A., Parker, K., Hametner, B., Wassertheurer, S., & Scragg, R. (2014). Arterial waveform measures in the vitamin D assessment (ViDA) study: Relationships with lifestyle and cardiovascular factors. <i>Artery Research</i> , 8, 158-159. Retrieved from: http://www.sciencedirect.com/science/article/pii/S1872931214002713

ARRIAN PRINCE-PIKE

Publication Type	Citation
Journal article – Article	Currie, J., Prince-Pike, A., & Wilson, D. I. (2014). A cost effective high-speed auto-coded embedded model predictive controller. <i>International Journal of Intelligent Systems Technologies and Applications</i> , 13(1-2), 37-55. doi: 10.1504/IJISTA.2014.059299

BOON-CHONG SEET

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Zhang, J., Seet, B. – C., & Lie, T. T. (2014). BIM-based Energy Management for Smart Built Environments. Paper presented at the Building A Better New Zealand Conference. 8. Auckland, New Zealand.
Journal article – Article	Imran, N., Seet, B. – C., & Fong, A. (2014). A Review of the State-of-the-Art Distributed Compressive Video Sensing Architectures. <i>International Journal of Computer Applications in Technology</i> , 50(1-2), 3-17. Retrieved from: http://inderscience.metapress.com/content/680427758488v433/
Journal article – Article	Liu, Y., Seet, B. – C., & Al-Anbuky, A. (2014). Ambient Intelligence Context-Based Cross-Layer Design in Wireless Sensor Networks. <i>Sensors</i> , 14(10), 19057-19085. Retrieved from: http://www.mdpi.com/journal/sensors
Journal article – Article	Sapuppo, A. & Seet, B. – C. (2014). Privacy and Technology Challenges for Ubiquitous Social Networking. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , Inderscience.
Journal article – Article	Imran, N., Seet, B. – C., & Fong, A. C. M. (2014). A semi-oblivious energy-aware adaptive watermarking for wireless image sensor networks. <i>Multimedia Systems</i> , 20(3), 311-326.
Conference contribution – Paper Published in Proceedings	Liu, Y., Seet, B. – C., & Al-Anbuky, A. (2014). Aml Context-based Cross-Layer Optimization of MAC Performance in WSNs [Abstract]. In F. Ciucci, D. Lehmus, S. Mariani, T. B. Messervey & A. Vallan. <i>International Electronic Conference on Sensors and Applications</i> , International Electronic Conference on Sensors and Applications. Retrieved from: http://www.sciforum.net/conference/ecsa-1/paper/2436

CHARLES KILBY

Publication Type	Citation
Journal article – Article	Kilby, J. & Prasad, K. (2014). A Comparison of Surface Electromyography Signals Temporal and Spectral Parameters During a Sustained Fatigue Contraction. <i>Advanced Science, Engineering and Medicine</i> , 6, 1-6. Retrieved from: http://www.asbps.com/ase

CHRISTOPHER WHITTINGTON

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Connor, A. M., Karmokar, S., Whittington, C., & Walker, C. (2014). Full STEAM ahead: A manifesto for integrating arts pedagogics in to STEM education [Abstract]. <i>IEEE International Conference on Teaching, Assessment and Learning in Engineering 2014</i> . Retrieved from: https://www.conftool.net/tale-conference/sessions.php

CRAIG BAGULEY

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Twinaime, R. P., Thrimawithana, D. J., Madawala, U. K., & Baguley, C. (2014). A resonant bi-directional dc-dc converter [Abstract]. (pp. 307-311). doi: 10.1109/ICIT.2014.6894885
Journal article – Article	Twinaime, R. P., Thrimawithana, D. J., Madawala, U. K., & Baguley, C. A. (2014). A new resonant bidirectional DC-DC converter topology. <i>IEEE Transactions on Power Electronics</i> , 29(9), 4733-4740.
Conference contribution – Paper Published in Proceedings	Twinaime, R., Malan, W., Minogue, J., Thrimawithana, D. J., Madawala, U. K., & Baguley, C. (2014). A novel dual active bridge topology with a tuned CLC network [Abstract]. (pp. 895-900). doi: 10.1109/ICIT.2014.6894949

DAVID WHITE

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	White, D. E., Nates, J. R., & Bartley, J. (2014). Pilot study into the causes of airway drying during continuous positive air pressure breathing using an in-vitro bovine trachea model. Paper presented at the Medical Sciences Congress (MedSci) 2014. Queenstown, New Zealand.
Journal article – Article	White, D. E., Nates, R. J., & Bartley, J. (2014). A pilot study of an in-vitro bovine trachea model of the effect of continuous positive airway pressure breathing on airway surface liquid. <i>BioMedical Engineering OnLine</i> , 13(1), 1-12. doi: 10.1186/1475-925X-13-12
Intellectual Property – Patent	White, D. E., Makinson, I. D., & Bartley, J. R. F. (2014). A Patient Interface and Method of Treating Sleep Apnoea [617543]. Intellectual Property Office.
Intellectual Property – Patent	White, D. E., Makinson, I. D., Bartley, J. R. F., Currie, J. D., & Nates, R. J. (2014). A Method and Apparatus for the Controlled Delivery of Gases.
Report – Commissioned	White, D. E. (2014). Expert Opinion on Notes and Sketches (Reported No. EO-1). [Commissioned by Sergeant Greg Foster]. 1–20. Auckland University of Technology: Auckland University of Technology.
Conference contribution – Poster Presentation	White, D. E., Bartley, J., & Nates, R. J. (2014). Pilot study into the causes of airway drying during continuous positive air pressure breathing. Poster presented at the 7th World Congress of Biomechanics. John B. Hynes Veterans Memorial Convention Centre, Boston, Massachusetts, USA.

DAVID WILSON

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Rimpilainen, V., Boiarkina, I., Depree, N., Yu, W., & Wilson, D. I. (2014). Who's to blame? Relating input disturbances to output variations in Milk Powder Fortification. Paper presented at the 28th International Forum Process Analytical Technology (IFPAC). Crystal Gateway Marriott, Arlington, VA (Washington DC), USA.
Journal article – Article	Currie, J. & Wilson, D. I. (2014). The Efficient Modelling of Steam Utility Systems. <i>IPENZ Transactions</i> , 41, 9. Retrieved from: http://www.ipenz.org.nz/ipenz/forms/pdfs/IPENZTransactions41-SteamUtilitySystems.pdf?53446
Conference contribution – Oral Presentation – Paper Presentation	Depree, N., Boiarkina, I., Rimpilainen, V., Prince-Pike, A., Young, B., & Wilson, D. I. (2014). Process Analytical Technology Application for Real Time Quality Monitoring during Milk Powder Production. Paper presented at the 28th International Forum Process Analytical Technology (IFPAC). Crystal Gateway Marriott, Arlington, Washington, DC, Arlington, VA (Washington, DC), USA.
Journal article – Article	Currie, J., Prince-Pike, A., & Wilson, D. I. (2014). A cost effective high-speed auto-coded embedded Model Predictive Controller. <i>International Journal of intelligent Systems Technologies and Applications</i> , 13(1/2), 37-55. Retrieved from: http://www.inderscience.com/jhome.php?jcode=IJISTA
Conference contribution – Oral Presentation – Paper Presentation	Munir, M. T., Zhang, Y., Wilson, D. I., Yu, W., & Young, B. R. (2014). Modelling of a falling film evaporator for dairy processes. Paper presented at the Chemeca 2014: Processing excellence; Powering our future. 174–181. Perth Convention and Exhibition Centre, Perth, Western Australia.

HAMID GHOLAMHOSSEINI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Altaf, S., Al-Anbuky, A., & Hosseini, H. G. (2014). Fault signal propagation in a network of distributed motors [Abstract]. 2014 IEEE 8th International Power Engineering and Optimization Conference (PEOCO2014). (pp. 59–63). Malaysia.
Conference contribution – Paper Published in Proceedings	Baig, M. M., GholamHosseini, H., Connolly, M. J., & Kashfi, G. (2014). Real-time Vital Signs Monitoring and Interpretation System for Early Detection of Multiple Physical Signs in Older Adults [Abstract]. In T. A. Waldmeyer. <i>IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI), IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI)</i> . Retrieved from: http://bhi.embs.org/2014/
Conference contribution – Paper Published in Proceedings	Altaf, S., Al-Anbuky, A., & Gholamhosseini, H. (2014). Fault diagnosis in a distributed motor network using Artificial Neural Network [Abstract]. <i>SPEEDAM 2014</i> . (pp. 190–197). doi: 10.1109/SPEEDAM.2014.6871946
Conference contribution – Poster Presentation	GholamHosseini, H., Baig, M., Connolly, M. J., & Lindén, M. (2014). A Multifactorial Falls Risk Prediction Model for Hospitalized Older Adults. Poster presented at the The 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. 3484–3487. Chicago, USA, Chicago, USA.
Journal article – Article	Baig, M. M., GholamHosseini, H., & Luo, D. (2014). A Secure Wireless Telehealthcare Monitoring System and its Web Application. <i>Applied Mechanics and Materials</i> , 541-542(2014), 1309-1312. doi: 10.4028/www.scientific.net/AMM.541-542.1309

Journal article – Article	Sabouri, P., Gholamhosseini, H., & Collins, J. (2014). Border Detection of Skin Lesions on a Single System on Chip (SoC). <i>Journal of Computers</i> , 25(1), 28–34. Retrieved from: http://www.csroc.org.tw/journal/E_Published%20Vol_25_No_1.htm
Chapter or section in books	Sabouri, P., Gholamhosseini, H., & Collins, J. (2014). Border Detection of Skin Lesions on a Single System on Chip. In Y. –. M. Huang, H. –. C. Chao, D. –. J. Deng & J. J. Park (Eds.), <i>Advanced Technologies, Embedded and Multimedia for Human-centric Computing</i> , Lecture Notes in Electrical Engineering, 260, (pp. 465–471). Dordrecht: Springer Science+Business Media.
Journal article – Article	Baig, M. M., GholamHosseini, H., & Connolly, M. J. (2014). Mobile healthcare applications: system design review, critical issues and challenges. <i>Australas Phys Eng Sci Med</i> , doi: 10.1007/s13246-014-0315-4
Conference contribution – Paper Published in Proceedings	Baig, M. M., GholamHosseini, H., Connolly, M. J., & Kashfi, G. (2014). A Wireless Patient Monitoring System for Hospitalized Older Adults: Acceptability, Reliability and Accuracy Evaluation [Abstract]. IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI). Retrieved from: http://bhi.embs.org/2014/
Conference contribution – Paper Published in Proceedings	Sabouri, P., Gholamhosseini, H., Larsson, T., & Collins, J. (2014). A Cascade Classifier for Diagnosis of Melanoma in Clinical Images [Abstract]. The 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. (pp. 6748–6751). Retrieved from: http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6945177&url=http://ieeexplore.ieee.org/iel7/6923026/6943513/06945177.pdf?arnumber=6945177
Conference contribution – Oral Presentation – Paper Presentation	Baig, M. M., GholamHosseini, H., & Luo, D. (2014). A Secure Wireless Telehealthcare Monitoring System and its Web Application. Paper presented at the International Conference on Mechanical, Electronics and Computer Engineering (CMECE 2014). Sanya, China, Sanya, China.

JAMES ROTIMI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Adafin, J., Wilkinson, S., & Rotimi, J. O. B. (2014). Accuracy in design stage estimating through risk-contingency analysis: A theoretical exploration [Abstract]. In D. Castro–Lacouture, J. Irizarry & B. Ashuri. <i>Construction Research Congress 2014: Construction in a Global Network</i> , The 2014 Construction Research Congress. (pp. 1478–1487). Retrieved from: http://www.crc2014.gatech.edu/Home.html
Conference contribution – Paper Published in Proceedings	Adafin, J., Wilkinson, S., Rotimi, J. O. B., & Odeyinka, H. (2014). Exploring cost and risk issues in the variability between design stage elemental cost plan and final tender sum [Abstract]. (pp. 1–8). Retrieved from: http://construction.massey.ac.nz/NZBERS-2014_proc_abs_Adafin-J.pdf
Conference contribution – Paper Published in Proceedings	Zaeri, F., Rotimi, J. O. B., & McCorquodale, C. (2014). Exploring performances and their interdependencies in bridge construction: A case study [Abstract]. <i>The Istanbul Bridge Conference iBridge</i> . (9 pages). Retrieved from: http://istanbulbridgeconference.org/2014/ISBN978-605-64131-6-2/
Journal article – Article	Rajeh, M. A., Tookey, J., & Rotimi, J. (2014). Procurement selection model: Development of a conceptual model based on transaction costs. <i>Australasian Journal of Construction Economics and Building – Conference Series</i> , 2(2), 56–63. Retrieved from: http://epress.lib.uts.edu.au/journals/index.php/AJCEB-Conference-Series/issue/view/308
Conference contribution – Paper Published in Proceedings	Oyewobi, L. O., Windapo, A. O., & Rotimi, J. O. B. (2014). Evaluation of the impact of organisational contingency factors on firm performance [Abstract]. In I. Musonda, C. O. Aigbavboa, E. Mwanuauomo, M. Muya, E. Zulu, W. D. Thwala & J. N. Agumba. <i>Proceedings of the International Conference on Infrastructure Development and Investment Strategies for Africalligence, Decades of Infrastructure Investment Conference – A score card on Empowerment, Growth and Development in Africa</i> . (pp. 297–314). Livingstone, Zambia.
Conference contribution – Paper Published in Proceedings	Jayawardena, N., Ramachandra, T., & Rotimi, J. (2014). Cause and effects of variations on construction projects [Abstract]. In K. Chantawarangul, W. Suanpaga, S. Yazdani, V. Vimonsatit & A. Singh. <i>The Second Australasia and South-East Asia Structural Engineering and Construction Conference (ASEA-SEC-2) on Sustainable Solutions in Structural Engineering and Construction</i> , The Second Australasia and South-East Asia Structural Engineering and Construction Conference (ASEA-SEC-2) on Sustainable Solutions in Structural Engineering and Construction. (pp. 483–488). Isec Press.
Conference contribution – Paper Published in Proceedings	Samasoni, J. C. & Rotimi, J. O. B. (2014). An exploratory evaluation of a new national online consenting system in New Zealand [Abstract]. In N. Dawood & S. Alkass. <i>CONVR 2014 Proceedings of the 14th International Conference on Construction Applications of Virtual Reality and Islamic Architecture</i> , 14th International Conference on Construction Applications of Virtual Reality and Islamic Architecture. (pp. 333–341). Teeside University, UK: Teeside University.
Journal article – Article	Vilasini, N., Neitzert, T., & Rotimi, J. O. B. (2014). Developing and evaluating a framework for process improvement in an alliance project: A New Zealand case study. <i>Construction Management and Economics</i> , 32(6), 625–640. doi: 10.1080/01446193.2013.874565

Conference contribution – Paper Published in Proceedings	Zaeri, F. & Rotimi, J. O. B. (2014). Simulation of bridge construction works: An exploratory study in New Zealand [Abstract]. In K. Chantawarangul, W. Suanpaga, S. Yazdani, V. Vimonsatit & A. Singh. The Second Australasia and South-East Asia (ASEA-SEC-2) on Sustainable solutions in structural engineering and construction, The Second Australasia and South-East Asia (ASEA-SEC-2) on Sustainable solutions in structural engineering and construction. (pp. 705–710). Isec Press.
Other form of output	Wilkinson, S., Chang-Richards, A., & Rotimi, J. O. B. (2014). Reconstruction following earthquake disasters. Encyclopaedia of Earthquake Engineering 1-9. Retrieved from: http://www.springerreference.com/pdf/294/383832.pdf
Conference contribution – Paper Published in Proceedings	Aliakbarlou, S., Wilkinson, S., Costello, S. B., & Rotimi, J. O. B. (2014). Client value in procured construction services: New Zealand participants' perspective [Abstract]. (pp. 1-4). Retrieved from: http://construction.massey.ac.nz/NZBERS-2014_proc_abs_Aliakbarlou-S.pdf
Journal article – Article	Zaeri, F. & Rotimi, J. O. B. (2014). An ACD diagram developed for simulating a bridge construction operation. International Journal of Construction Supply Chain Management, 4(2), 34–50. Retrieved from: http://www.ijscm.com/sites/default/files/issue/nid-40340/fzaeri_1426209359.pdf
Journal article – Article	Rotimi, J. O. B. & Kiptala, R. K. (2014). Adequacy of ventilations systems: Perspectives of designers and occupants of office buildings in Nairobi, Kenya. African Journal of Environmental Science and Technology, 8(12), 707–715. Retrieved from: http://www.academicjournals.org/article/article1418893035_Rotimi%20and%20Kiptala.pdf
Conference contribution – Paper Published in Proceedings	Zaeri, F. & Rotimi, J. O. B. (2014). The Power of technology in bridge construction project management [Abstract]. In Q. Ha, X. Shen & A. Akbarnezhad. ISARC 2014, Proceedings of the 31st International Symposium on Automation and Robotics in Construction, The International Symposium on Automation and Robotics in Construction and Mining (ISARC 2014). (pp. 443–449). Australia: University of Technology, Sydney, Australia.
Journal article – Article	Rotimi, J. O. B. & Wilkinson, S. (2014). Improving environmental management legislation to facilitate post-disaster reconstruction. International Journal of Disaster Resilience in the Built Environment, 5(1), 23–37. Retrieved from: http://www.emeraldinsight.com/journals.htm?issn=1759-5908&volume=5&issue=1&articleid=171067938&show=html
Conference contribution – Paper Published in Proceedings	Adafin, J., Wilkinson, S., Rotimi, J. O. B., & Odeyinka, H. (2014). An exploration of theoretical concepts and methods for assessing risk impacts on the variability between design stage elemental cost plan and tender sum [Abstract]. In S. Ogunlana, G. Idoro, M. Dada, A. Iweka, V. Ilechukwu & W. Alade. Proceedings of the CIB W107 2014 International Conference, CIB W107 2014 International Conference. (pp. 308–316). Lagos Nigeria.
Conference contribution – Paper Published in Proceedings	Samasoni, J. C. & Rotimi, J. O. B. (2014). An exploratory evaluation of the new risk-based inspection scheme [Abstract]. In K. Chantawarangul, W. Suanpaga, S. Yazdani, V. Vimonsatit & A. Singh. Sustainable solution in structural engineering and construction, The Second Australasia and South-East Asia Structural Engineering and Construction Conference (ASEA-SEC-2) on Sustainable Solutions in Structural Engineering and Construction. (pp. 501–506). Isec Press.
Conference contribution – Paper Published in Proceedings	Ramachandra, T., Rotimi, J. O., & Gunaratne, S. (2014). Reasons for contractors' delay claims failures in Sri Lanka [Abstract]. In A. B. Raiden & E. Aboagye-Nimo. 30th Annual Association of Researchers in Construction Management ARCOM Conference, 30th Annual Association of Researchers in Construction Management ARCOM Conference., 1, (pp. 475–484). Portsmouth, UK.
Other form of output	Wilkinson, S., Rotimi, J. O. B., & Mannakkara, S. (2014). Legislation changes following earthquake disasters. Encyclopaedia of Earthquake Engineering 1-8. Retrieved from: http://www.springerreference.com/pdf/294/383835.pdf
Conference contribution – Paper Published in Proceedings	Zaeri, F. & Rotimi, J. O. B. (2014). Developing activity cycled based diagram for simulating a bridge construction operation [Abstract]. (pp. 1-19). Retrieved from: http://construction.massey.ac.nz/NZBERS-2014_proc_fp_Zaeri-F.pdf
Conference contribution – Paper Published in Proceedings	Ramachandra, T., Rotimi, J. O. B., & Rameezdeen, R. (2014). The relationship between construction sector and the national economy of Sri Lanka [Abstract]. In J. Wang, Z. Ding, L. Zuo & J. Zuo. Proceedings of the 17th International Symposium on Advancement of Construction Management and Real Estate, 17th International Symposium on Advancement of Construction Management and Real Estate. (pp. 1263–1271). Retrieved from: http://link.springer.com/book/10.1007/978-3-642-35548-6

JEFFREY SEADON

Publication Type	Citation
Journal article – Article	Pizzirani, S., McLaren, S. J., & Seadon, J. K. (2014). Is there a place for culture in life cycle sustainability assessment. International Journal of Life Cycle Assessment, 19(6), 1316–1330. doi: 10.1007/s11367-014-0722-5

JOHN COLLINS

Publication Type	Citation
Chapter or section in books	Sabouri, P., Gholamhosseini, H., & Collins, J. (2014). Border Detection of Skin Lesions on a Single System on Chip. In Y. - M. Huang, H. - C. Chao, D. - J. Deng & J. J. Park (Eds.), <i>Advanced Technologies, Embedded and Multimedia for Human-centric Computing</i> , Lecture Notes in Electrical Engineering, 260, (pp. 465-471). Dordrecht: Springer Science+Business Media.
Journal article – Article	Sabouri, P., Gholamhosseini, H., & Collins, J. (2014). Border Detection of Skin Lesions on a Single System on Chip (SoC). <i>Journal of Computers</i> , 25(1), 28-34. Retrieved from: http://www.csroc.org.tw/journal/E_Published%20Vol_25_No_1.htm
Journal article – Article	Wong, S. & Collins, J. (2014). A proposed FPGA architecture for mean shift based object tracking with bandwidth constrained sensors. <i>International Journal of Intelligent Systems Technologies and Applications</i> , 13(1-2), 3-16.

JOHN TOOKEY

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Ying, F. J., Tookey, J., & Roberti, H. (2014). Development of SCM competencies in construction: Lessons learned from New Zealand [Abstract]. In S. Kajewski, K. Manley & K. Hampson. <i>Proceedings of the 19th International CIB World Building Congress, 19th International CIB World Congress</i> . Retrieved from: http://worldbuildingcongress2013.com/
Journal article – Article	Ying, F., Tookey, J., & Roberti, J. (2014). Addressing effective construction logistics through the lens of vehicle movements. <i>Engineering, Construction and Architectural Management</i> , 21(3), 261-275.

JONATHAN CURRIE

Publication Type	Citation
Journal article – Article	Currie, J., Prince-Pike, A., & Wilson, D. I. (2014). A cost effective high-speed auto-coded embedded Model Predictive Controller. <i>International Journal of intelligent Systems Technologies and Applications</i> , 13(1/2), 37-55. Retrieved from: http://www.inderscience.com/jhome.php?jcode=IJISTA
Journal article – Article	Currie, J. & Wilson, D. I. (2014). The Efficient Modelling of Steam Utility Systems. <i>IPENZ Transactions</i> , 41, 9. Retrieved from: http://www.ipenz.org.nz/ipenz/forms/pdfs/IPENZTransactions41-SteamUtilitySystems.pdf?53446
Intellectual Property – Patent	White, D. E., Makinson, I. D., Bartley, J. R. F., Currie, J. D., & Nates, R. J. (2014). A Method and Apparatus for the Controlled Delivery of Gases.

KALPANI GUNAWARDANE

Publication Type	Citation
Chapter or section in books	Gunawardane, K. (2014). Supercapacitor as a lossless dropper in DC-DC converters.
Thesis / Dissertation – Doctoral Thesis	Gunawardane, K. (2014). <i>Analysis on Supercapacitor Assisted Low Dropout (SCALDO) Regulators</i> (Unpublished Doctoral Thesis). New Zealand: The University of Waikato.
Chapter or section in books	Gunawardane, K. (2014). <i>Capacitors as energy storage devices—simple basics to current commercial families</i> . (320 pages). Elsevier.

KRISHNAMACHAR PRASAD

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Bassey, E., Whalley, J., Sallis, P., & Prasad, K. (2014). Wavelet Transform Smoothing Filters for Metal Oxide Gas Sensor Signal Cleaning [Abstract]. <i>8th International Conference on Sensing Technology 2014</i> . (pp. 538-542). Liverpool, UK.
Conference contribution – Paper Published in Proceedings	Prasad, K., Bassey, E., & Sallis, P. (2014). Electronic nose for gas sensing applications [Abstract]. <i>2014 Conference on optoelectronic and microelectronic materials and devices (COMMAD2014)</i> . (pp. 113-116). IEEE.
Journal article – Article	Kilby, J. & Prasad, K. (2014). A Comparison of Surface Electromyography Signals Temporal and Spectral Parameters During a Sustained Fatigue Contraction. <i>Advanced Science, Engineering and Medicine</i> , 6, 1-6. Retrieved from: http://www.asbps.com/ase

LOULIN HUANG

Publication Type	Citation
Journal article - Article	Chen, G., Huang, L., Chen, B., & Chang, J. -. Y. (2014). Intelligent diagnosis of bolting system under uncertain/dynamic impact. <i>Microsystem Technologies</i> , 20, 1733-1737. doi: 10.1007/s00542-014-2219-3
Journal article - Article	Hart, N. H. & Huang, L. (2014). Monitoring populations of solitary bees using image processing techniques. <i>International Journal of Computer Applications in Technology</i> , 50(1/2), 45-50.
Journal article - Article	Lotfi, B. & Huang, L. (2014). A novel wave energy converter using the Stewart platform, <i>Journal of Green Engineering</i> . Accepted. <i>Journal of Green Engineering</i> , 4, 33-48.
Conference contribution - Paper Published in Proceedings	Reader, D. & Huang, L. (2014). Real Time PID Control of a Large Quadrotor Robot using Embedded Linux [Abstract]. 13th International Conference on Control, Automation, Robotics and Vision (ICARCV 2014). (pp. 1548-1553). Singapore.

MARTIN STOMMEL

Publication Type	Citation
Journal article - Article	Stommel, M., Herzog, O., & Xu, W. L. (2014). Hyperplane arrangements for the fast matching and classification of visual landmarks. <i>Pattern Analysis and Applications</i> , 9. doi: 10.1007/s10044-014-0417-3
Journal article - Article	Stommel, M., Kuhnert, K. -. D., & Xu, W. (2014). Inexact matching of structural models based on the duality of patterns and classifiers. <i>Pattern Analysis and Applications</i> ,
Journal article - Article	Stommel, M., Beetz, M., & Xu, W. (2014). Inpainting of missing values in the kinect sensor's depth maps based on background estimates. <i>IEEE Sensors Journal</i> , 14(4), 1107-1116.

MAXIMIANO RAMOS

Publication Type	Citation
Journal article - Article	Robertson, J. D., Al-Jumaily, Ramos, & Chowdhury, N. (2014). Fast Release of Sulfosalicylic Acid from Polymer Implants Consisting of Regenerated Cellulose/ γ -Ferric Oxide/Polypyrrole. <i>Journal of Applied Chemistry</i> , 2014, Retrieved from: http://www.hindawi.com/

MAZIAR RAMEZANI

Publication Type	Citation
Journal article - Article	Ramezani, M. & Neitzert, T. (2014). Influence of humidity on creep response of sandwich beam with a viscoelastic soft core. <i>Acta Mechanica</i> , 225(1), 277-297.
Journal article - Article	Ramezani, M., Neitzert, T., Pasang, T., & Sellès, M. A. (2014). Characterization of friction behaviour of AZ80 and ZE10 magnesium alloys under lubricated contact condition by strip draw and bend test. <i>International Journal of Machine Tools and Manufacture</i> , 85, 70-78.
Journal article - Article	Ramezani, M., Neitzert, T., Pasang, T., & Selles, M. A. (2014). Frictional properties of AZ80 and ZE10 magnesium alloys under dry and lubricated contact conditions. <i>Procedia Engineering</i> , 81, 1836-1841. doi: 10.1016/j.proeng.2014.10.242
Journal article - Article	Pasang, T., Satanin, V., Ramezani, M., Waseem, M., Neitzert, T., & Kamiya, O. (2014). Formability of Magnesium Alloys AZ80 and ZE10. <i>Key Engineering Materials</i> , 622 - 623, 284-291. doi: 10.4028/www.scientific.net/KEM.622-623.284
Journal article - Article	Pasang, T., Satanin, V., Ramezani, M., Waseem, M., & Neitzert, T. (2014). Formability of Magnesium Alloys AZ80 and ZE10. <i>Key Engineering Materials</i> , Volumes 622 - 623, 284-291. doi: 10.4028/www.scientific.net/KEM.622-623.284
Journal article - Article	Ramezani, M., Pasang, T., Chen, Z., Neitzert, T., & Au, D. (2014). Evaluation of carbon diffusion in heat treatment of H13 tool steel under different atmospheric conditions. <i>Journal of Materials Research and Technology</i> , doi: 10.1016/j.jmrt.2014.10.014
Journal article - Article	Ramezani, M., Neitzert, T., & Pasang, T. (2014). Simulation of kinetic friction in L-bending of sheet metals. <i>International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering</i> , 8(6), 526-530. Retrieved from: http://waset.org/publications/9998580/simulation-of-kinetic-friction-in-l-bending-of-sheet-metals
Journal article - Article	Ramezani, M., Neitzert, T., Pasang, T., & Selles, M. A. (2014). Dry sliding frictional characteristics of ZE10 and AZ80 magnesium strips under plastic deformation. <i>Tribology International</i> , doi: 10.1016/j.triboint.2014.10.019

MICHAEL GSCHWENDTNER

Publication Type	Citation
Journal article – Article	Hoegel, B., Pons, D., Gschwendtner, M., Tucker, A., & Sellier, M. (2014). Thermodynamic peculiarities of alpha-type Stirling engines for low-temperature difference power generation: Optimisation of operating parameters and heat exchangers using a third-order model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 228(11), 1936–1947. doi: 10.1177/0954406213512120
Conference contribution – Paper Published in Proceedings	Langdon-Arms, S., Gschwendtner, M., & Neumaier, M. (2014). Performance of Heat-powered Unconstrained 4 Cylinder Double-acting Alpha-type Liquid Piston Stirling Cooler [Abstract]. 16th International Stirling Engine Conference 2014. Bilbao, Spain.
Conference contribution – Paper Published in Proceedings	Yousuf, N., Biteau, E., Anderson, T., Gschwendtner, M., & Nates, R. (2014). Modelling the Performance of a Diffusion Absorption Refrigeration System [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Oral presentation	Gschwendtner, M. (2014, January). Stirling Research. Presented at the Korea Institute of Energy Research, Daejeon, South Korea.
Oral presentation	Gschwendtner, M. (2014, January). Dead Volume in Stirling Engines. Presented at the Korea Institute of Energy Research, Daejeon, South Korea.
Conference contribution – Paper Published in Proceedings	Gschwendtner, M. & Bell, G. (2014). The Myth about Dead Volume in Stirling Engines [Abstract]. 16th International Stirling Engine Conference 2014. Bilbao, Spain.

PETER HOOPER

Publication Type	Citation
Conference contribution – Oral Presentation – Paper Presentation	Hooper, P. (2014). Low mass two-cylinder engines for automotive hybrid or range-extender applications. Paper presented at the Engine Expo 2014. Messe Stuttgart, Stuttgart, Germany.
Conference contribution – Paper Published in Proceedings	Hooper, P. (2014). Lubrication challenges of operating a spark ignition UAV engine on low volatility fuel [Abstract]. LUBMAT 2014 Lubrication, Maintenance and Tribotechnology Conference. University of Central Lancashire.

PIERSON RATHINARAJ

Publication Type	Citation
Journal article – Article	Han, S. – J., Rathinaraj, P., Park, S. – Y., Kim, Y. K., Lee, J. H., Kang, I. – K., ... Winiarz, J. G. (2014). Specific intracellular uptake of herceptin-conjugated CdSe/ZnS quantum dots into breast cancer cells. <i>BioMed Research International</i> , 2014.

PIRATHEEPAN MAHENDRAN

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Piratheepan, M. & Anderson, T. (2014). Experimental evaluation of low concentration collectors for façade applications [Abstract]. Solar2014: The 52nd Annual Conference of the Australian Solar Council. Retrieved from: http://solar.org.au/information-portal/
Journal article – Article	Piratheepan, M. & Anderson, T. N. (2014). An experimental investigation of turbulent forced convection heat transfer by a multi-walled carbon-nanotube nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 57(0), 286–290. doi: 10.1016/j.icheatmasstransfer.2014.08.010

ROY NATES

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Enayatollahi, R., Anderson, T., & Nates, R. (2014). Mathematical modeling of a solar powered humidification dehumidification desalination prototype [Abstract]. Solar2014: The 52nd Annual Conference of the Australian Solar Council. Retrieved from: http://solar.org.au/information-portal/
Conference contribution – Paper Published in Proceedings	Yousuf, N., Biteau, E., Anderson, T., Gschwendtner, M., & Nates, R. (2014). Modelling the Performance of a Diffusion Absorption Refrigeration System [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Journal article – Article	White, D. E., Nates, R. J., & Bartley, J. (2014). A pilot study of an in-vitro bovine trachea model of the effect of continuous positive airway pressure breathing on airway surface liquid. <i>BioMedical Engineering OnLine</i> , 13(1), 1–12. doi: 10.1186/1475-925X-13-12

Conference contribution – Oral Presentation – Paper Presentation	White, D. E., Nates, J. R., & Bartley, J. (2014). Pilot study into the causes of airway drying during continuous positive air pressure breathing using an in-vitro bovine trachea model. Paper presented at the Medical Sciences Congress (MedSci) 2014. Queenstown, New Zealand.
Conference contribution – Paper Published in Proceedings	Uzair, M., Anderson, T., & Nates, R. (2014). Wind Flow Around a Parabolic Dish Solar Concentrator [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/

SARAT SINGAMNENI

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Singamneni, S. B. & Velu, R. (2014). A review of finite element method in Selective Laser Sintering (SLS) process [Abstract]. In Chitra. Proceedings of International Conference on Systems Engineering and Emerging Systems ICSEES '14, International Conference on Systems Engineering and Emerging Systems ICSEES 14. (pp. 61-68). PSG Tech Coimbatore, India.
Journal article – Article	Singamneni, S. B. & Huang, B. (2014). Evaluation of the influences of process parameters while selective laser sintering PMMA powders. Proceedings of the institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 1-11. Retrieved from: http://www.sagepublications.com/
Journal article – Article	Velu, R. & Singamneni, S. (2014). Selective laser sintering of polymer biocomposites based on polymethyl methacrylate. Journal of Materials Research, 29(17), 1883-1892.
Journal article – Article	Singamneni, S. B. & Huang, B. (2014). Raster angle mechanics in fused deposition modelling. Journal of Composite Materials, 1-21. Retrieved from: http://www.sagepublications.com/
Journal article – Article	Singamneni, S. B. & Huang, B. (2014). A mixed-layer approach combining both flat and curved layer slicing for fused deposition modelling. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, doi: 10.1177/0954405414551076

SASCHA KOSLECK

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Kosleck, S. (2014). Prediction of Wave-Structure Interaction by Advanced Wave Field Forecast (Executive summary of the PhD thesis with the same title) [Abstract]. In Bohn-Moeller. Yearbook of the "German Society for Maritime Technology", 108. Annual International Conference of the German Society for Maritime Technology(STG). Retrieved from: http://www.stg-online.org/index_e.html
Conference contribution – Paper Published in Proceedings	Kosleck, S. (2014). Real-Time-Forecast of Wave-Structure Interaction in Natural Sea States: Influence of the Wave Encounter Angle [Abstract], Volume 8B: Ocean Engineering, (pp. pp. V08BT06A051). Retrieved from: http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleID=1912123

STEPHEN HENRY

Publication Type	Citation
Journal article – Article	Barr, K., Korchagina, E., Ryzhov, I., Bovin, N., & Henry, S. (2014). Mapping the fine specificity of ABO monoclonal reagents with A and B type-specific function-spacer-lipid constructs in kodecytes and inkjet printed on paper. Transfusion, 54(10), 2477-2484. doi: 10.1111/trf.12661
Chapter or section in books	Henry, S. M. (2014). Chapter 5: Rapid biofunctionalization of magnetic beads with function-spacer-lipid constructs. (pp. 11-13). Spain: eBook - Sepmag.eu.
Journal article – Article	Barr, K., Korchagina, E., Popova, I., Bovin, N., & Henry, S. (2014). Monoclonal anti-A activity against the FORS1 (Forssman) antigen. Transfusion, doi: 10.1111/trf.12773
Journal article – Letter	Henry, S. (2014). The SewFUT2 mutation A385T does not result in a nonsecretor allele. Transfusion, 54(12), 3255-3255. doi: 10.1111/trf.12909
Journal article – Article	Ilyushina, N. A., Chernyy, E. S., Korchagina, E. Y., Gambaryan, A. S., Henry, S. M., & Bovin, N. V. (2014). Labeling of influenza viruses with synthetic fluorescent and biotin-labeled lipids. Virologica Sinica, 29(4), 199-210. doi: 10.1007/s12250-014-3475-1

TEK LIE

Publication Type	Citation
Journal article – Article	Chikarov, Y., Lie, T. T., & Nair, N. K. C. (2014). A New Monitoring Technique for the Grounding Grids. Central European Journal of Engineering, doi: 10.2478/s13531-013-0164-z
Conference contribution – Oral Presentation – Paper Presentation	Zhang, J., Seet, B. - C., & Lie, T. T. (2014). BIM-based Energy Management for Smart Built Environments. Paper presented at the Building A Better New Zealand Conference. 8. Auckland, New Zealand.

Journal article – Article	Chen, S., Wang, J., & Lie, T. T. (2014). Power Quality Regulation Using Free Market Oriented Approach. <i>Journal of Power and Energy Engineering</i> , 2(9), 86–97.
Journal article – Article	Yao, D., Choi, S. S., Tseng, K. J., & Lie, T. T. (2014). Frequency control ancillary service provided by a wind farm: dual-BESS scheme. <i>J. Mod. Power Syst. Clean Energy</i> , doi: 10.1007/s40565-014-0053-3

THOMAS NEIZERT

Publication Type	Citation
Journal article – Article	Ramezani, M., Neizert, T., Pasang, T., & Selles, M. A. (2014). Dry sliding frictional characteristics of ZE10 and AZ80 magnesium strips under plastic deformation. <i>Tribology International</i> , doi: 10.1016/j.triboint.2014.10.019
Journal article – Article	Ramezani, M., Neizert, T., & Pasang, T. (2014). Simulation of kinetic friction in L-bending of sheet metals. <i>International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering</i> , 8(6), 526–530. Retrieved from: http://waset.org/publications/9998580/simulation-of-kinetic-friction-in-l-bending-of-sheet-metals
Journal article – Article	Ramezani, M. & Neizert, T. (2014). Influence of humidity on creep response of sandwich beam with a viscoelastic soft core. <i>Acta Mechanica</i> , 225(1), 277–297.
Journal article – Article	Kathirgamanathan, P. & Neizert, T. (2014). Optimisation method of extrusion dies with a thin and complex shape. <i>Australian Journal of Mechanical Engineering</i> , 12(3), 317–326.
Journal article – Article	Ramezani, M., Pasang, T., Chen, Z., Neizert, T., & Au, D. (2014). Evaluation of carbon diffusion in heat treatment of H13 tool steel under different atmospheric conditions. <i>Journal of Materials Research and Technology</i> , doi: 10.1016/j.jmrt.2014.10.014
Journal article – Article	Ramezani, M., Neizert, T., Pasang, T., & Selles, M. A. (2014). Frictional properties of AZ80 and ZE10 magnesium alloys under dry and lubricated contact conditions. <i>Procedia Engineering</i> , 81, 1836–1841. doi: 10.1016/j.proeng.2014.10.242
Journal article – Article	Pasang, T., Satanin, V., Ramezani, M., Waseem, M., & Neizert, T. (2014). Formability of Magnesium Alloys AZ80 and ZE10. <i>Key Engineering Materials</i> , Volumes 622 – 623, 284–291. doi: 10.4028/www.scientific.net/KEM.622-623.284
Journal article – Article	Ramezani, M., Neizert, T., Pasang, T., & Sellès, M. A. (2014). Characterization of friction behaviour of AZ80 and ZE10 magnesium alloys under lubricated contact condition by strip draw and bend test. <i>International Journal of Machine Tools and Manufacture</i> , 85, 70–78.

TIMOTHY ANDERSON

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Enayatollahi, R., Anderson, T., & Nates, R. (2014). Mathematical modeling of a solar powered humidification dehumidification desalination prototype [Abstract]. <i>Solar2014: The 52nd Annual Conference of the Australian Solar Council</i> . Retrieved from: http://solar.org.au/information-portal/
Conference contribution – Paper Published in Proceedings	Anderson, T. (2014). Condensation in Glazed Flat Plate Solar Collectors [Abstract]. <i>Solar2014: The 52nd Annual Conference of the Australian Solar Council</i> . Retrieved from: http://solar.org.au/information-portal/
Journal article – Article	Künnemeyer, R., Anderson, T. N., Duke, M., & Carson, J. K. (2014). Performance of a V-trough photovoltaic/thermal concentrator. <i>Solar Energy</i> , 101, 19–27.
Conference contribution – Paper Published in Proceedings	Piratheepan, M. & Anderson, T. (2014). Experimental Evaluation of Natural Heat Transfer in Façade Integrated Triangular Enclosures [Abstract]. <i>2014 Asia-Pacific Solar Research Conference</i> . Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Conference contribution – Paper Published in Proceedings	Piratheepan, M. & Anderson, T. (2014). Experimental evaluation of low concentration collectors for façade applications [Abstract]. <i>Solar2014: The 52nd Annual Conference of the Australian Solar Council</i> . Retrieved from: http://solar.org.au/information-portal/
Conference contribution – Paper Published in Proceedings	Anderson, T., Gillen, J. C., & Norris, S. E. (2014). Natural Convection Heat Loss from an Open Room [Abstract]. <i>2014 Asia-Pacific Solar Research Conference</i> . Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Conference contribution – Paper Published in Proceedings	Ahmad, A. & Anderson, T. (2014). Global Solar Radiation Prediction using Artificial Neural Network Models for New Zealand [Abstract]. <i>Solar2014: The 52nd Annual Conference of the Australian Solar Council</i> . Retrieved from: http://solar.org.au/information-portal/
Conference contribution – Workshops or Panel Presentation	Anderson, T. (2014). “What does large scale adoption of solar PV mean for the electricity grid in New Zealand and how can utilities engage with customers to maximise the efficiency and utilisation of solar”. Presented at the <i>Solar New Zealand 2040</i> . Auckland War Memorial Museum Events Centre, Auckland.

Conference contribution – Paper Published in Proceedings	Ahmad, A. & Anderson, T. (2014). Hourly Electrical Power Consumption Prediction for New Zealand Residential Houses Using Artificial Neural Network Models [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Journal article – Article	Piratheepan, M. & Anderson, T. N. (2014). An experimental investigation of turbulent forced convection heat transfer by a multi-walled carbon-nanotube nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 57(0), 286–290. doi: 10.1016/j.icheatmasstransfer.2014.08.010
Conference contribution – Paper Published in Proceedings	Yousuf, N., Biteau, E., Anderson, T., Gschwendtner, M., & Nates, R. (2014). Modelling the Performance of a Diffusion Absorption Refrigeration System [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/
Conference contribution – Paper Published in Proceedings	Uzair, M., Anderson, T., & Nates, R. (2014). Wind Flow Around a Parabolic Dish Solar Concentrator [Abstract]. 2014 Asia-Pacific Solar Research Conference. Retrieved from: http://apvi.org.au/asprc-2014-papers-presentations/

TIMOTIUS PASANG

Publication Type	Citation
Journal article – Article	Ramezani, M., Neitzert, T., & Pasang, T. (2014). Simulation of kinetic friction in L-bending of sheet metals. <i>International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering</i> , 8(6), 526–530. Retrieved from: http://waset.org/publications/9998580/simulation-of-kinetic-friction-in-l-bending-of-sheet-metals
Journal article – Article	Ramezani, M., Pasang, T., Chen, Z., Neitzert, T., & Au, D. (2014). Evaluation of carbon diffusion in heat treatment of H13 tool steel under different atmospheric conditions. <i>Journal of Materials Research and Technology</i> , doi: 10.1016/j.jmrt.2014.10.014
Journal article – Article	Ramezani, M., Neitzert, T., Pasang, T., & Selles, M. A. (2014). Frictional properties of AZ80 and ZE10 magnesium alloys under dry and lubricated contact conditions. <i>Procedia Engineering</i> , 81, 1836–1841. doi: 10.1016/j.proeng.2014.10.242
Journal article – Article	Sabol, J. C., Marvel, C. J., Watanabe, M., Pasang, T., & Misiolek, W. Z. (2014). Confirmation of the ω -phase in electron beam welded Ti–5Al–5V–5Mo–3Cr by high-resolution scanning transmission electron microscopy: An initial investigation into its effects on embrittlement. <i>Scripta Materialia</i> , 92, 15–18. doi: 10.1016/j.scriptamat.2014.08.003
Journal article – Article	Ramezani, M., Neitzert, T., Pasang, T., & Selles, M. A. (2014). Dry sliding frictional characteristics of ZE10 and AZ80 magnesium strips under plastic deformation. <i>Tribology International</i> , doi: 10.1016/j.triboint.2014.10.019
Journal article – Article	Pasang, T., Tao, Y., Miyano, Y., & Kamiya, O. (2014). Research on Various Welding Methods on Aerospace Titanium Alloys: Collaboration between Akita University and AUT University. <i>Int. J. Soc. Mater. Eng. Resources Vol. 20, No1</i> , April 2014, 20(1), The Society of Materials Engineering for Resources of Japan.
Journal article – Article	Razak, N. H., Chen, Z. W., & Pasang, T. (2014). Modes of tool deterioration during milling of 718Plus superalloy using cemented tungsten carbide tools. <i>Wear</i> , 316(1–2), 92–100.
Journal article – Article	Ramezani, M., Neitzert, T., Pasang, T., & Sellès, M. A. (2014). Characterization of friction behaviour of AZ80 and ZE10 magnesium alloys under lubricated contact condition by strip draw and bend test. <i>International Journal of Machine Tools and Manufacture</i> , 85, 70–78.
Journal article – Article	Pasang, T., Satanin, V., Ramezani, M., Waseem, M., & Neitzert, T. (2014). Formability of Magnesium Alloys AZ80 and ZE10. <i>Key Engineering Materials</i> , Volumes 622 – 623, 284–291. doi: 10.4028/www.scientific.net/KEM.622-623.284

TOM MOIR

Publication Type	Citation
Conference contribution – Paper Published in Proceedings	Moir, T. & Sharan, R. V. (2014). Comparison of Multiclass SVM Classification Techniques in an Audio Surveillance Application under Mismatched Conditions [Abstract]. <i>DSP 2014</i> . (pp. 83–88). Hong Kong.
Journal article – Article	Moir, T. & Pettigrew, A. M. (2014). A Multiplicative Cancellation Approach to Multipath Suppression in FM Radio. <i>Wireless Personal Communications</i> , 75, 799–819. Retrieved from: http://download.springer.com/static/pdf/13/art%253A10.1007%252Fs11277-013-1392-5.pdf?auth66=1393352262_1f861419d5e4828aca90c7fc44867aec&ext=.pdf
Conference contribution – Paper Published in Proceedings	Moir, T. (2014). Spectral factorization of z-domain polynomials using non-linear least-squares [Abstract]. <i>DSP 2014</i> . (pp. 42–47). doi: 10.1109/ICDSP.2014.6900705

Journal article – Article	Moir, T. J. (2014). Spectral factorization using FFTs for large-scale problems. <i>International Journal of Adaptive Control and Signal Processing</i> , doi: 10.1002/acs.2512
Journal article – Article	Moir, T. J. (2014). Inverting non-minimum phase FIR transfer functions with application to reverberant speech. <i>International Journal of Speech Technology</i> , 17(3), 245-252. doi: 10.1007/s10772-014-9227-7
Conference contribution – Paper Published in Proceedings	Moir, T. & Sharan, R. V. (2014). Audio Surveillance under Noisy Conditions using Time-Frequency Image Feature [Abstract]. <i>DSP 2014</i> . doi: 10.1109/ICDSP2014.6900815

XUEJUN LI

Publication Type	Citation
Conference contribution – Poster Presentation	Li, X. J. (2014). Performance Comparison of Various Frequency Reuse and Power Masking Schemes in 4G OFDMA Downlink Transmissions. Poster presented at the 9th International Conference on Communications and Networking in China. Maoming, People's Republic of China, Maoming International Hotel.
Conference contribution – Oral Presentation – Paper Presentation	Li, X. J. (2014). Voltage Multiplier Design for Electromagnetic Energy Harvesting from Wi-Fi Signals. Paper presented at the 21st Electronics New Zealand Conference. 46-50. Hamilton, Waikato, University of Waikato.

ZHAN CHEN

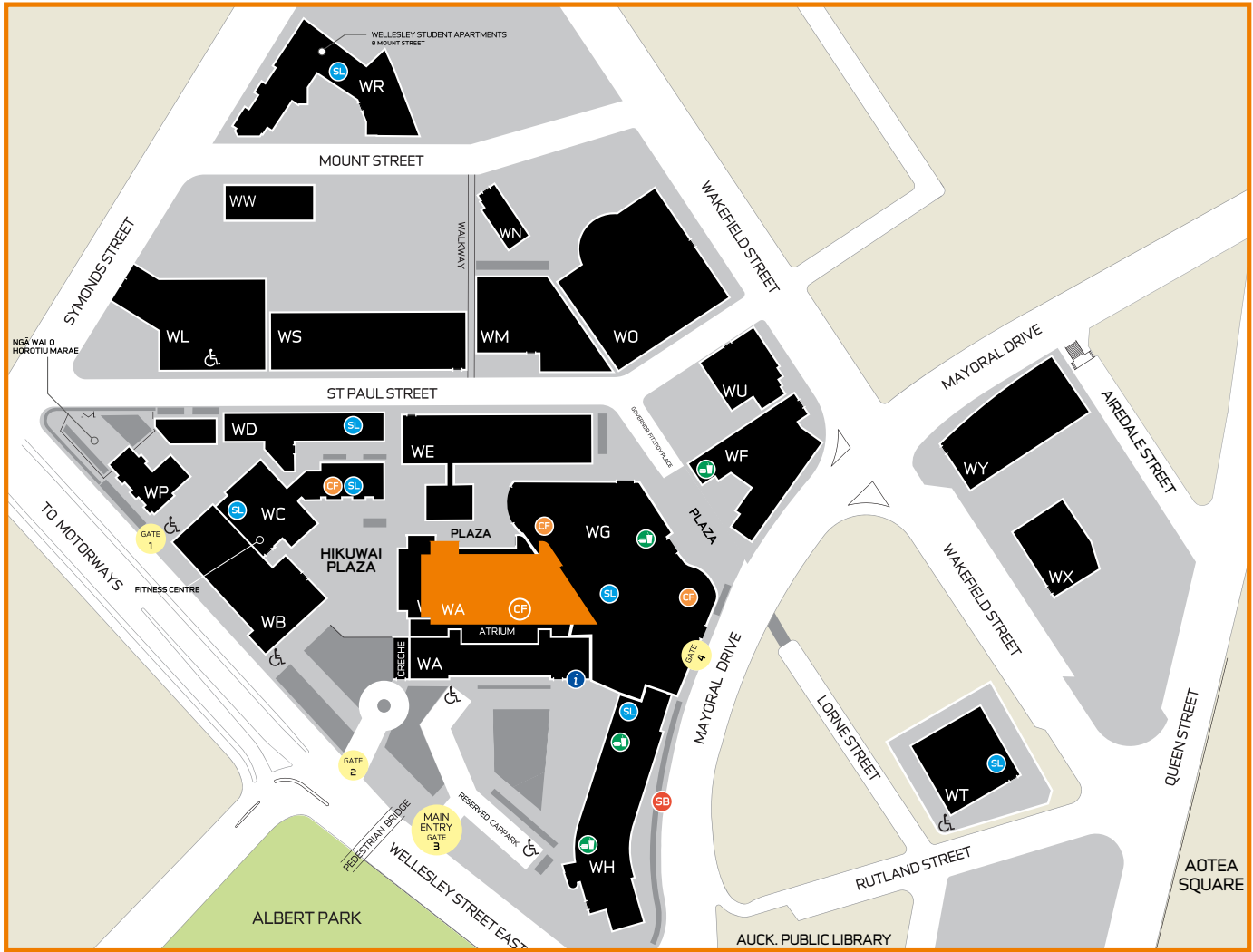
Publication Type	Citation
Journal article – Article	Chen, Z. W. & Yazdanian, S. (2014). Friction stir lap welding of light alloys. <i>International journal of the society of Materials Engineering for Resources</i> , 20(2), 186-190.
Journal article – Article	Razak, N. H., Chen, Z. W., & Pasang, T. (2014). Modes of tool deterioration during milling of 718Plus superalloy using cemented tungsten carbide tools. <i>Wear</i> , 316(1-2), 92-100.

ENGINEERING

- Institute of Biomedical Technologies (IBTec)

AHMED AL-JUMAILY

Publication Type	Citation
Journal article - Article	Lin, H. C., Lowe, A., & Al-Jumaily, A. (2014). Non-invasive blood pressure measurement algorithm using neural networks. <i>Artificial Intelligence Research</i> , 3(2), 16-23. Retrieved from: http://www.sciedu.ca/journal/index.php/air/article/view/4529
Journal article - Article	Robertson, J. D., Al-Jumaily,, Ramos,, & Chowdhury, N. (2014). Fast Release of Sulfosalicylic Acid from Polymer Implants Consisting of Regenerated Cellulose/ γ -Ferric Oxide/Polypyrrole,. <i>Journal of Applied Chemistry</i> , 2014, Retrieved from: http://www.hindawi.com/
Conference contribution - Paper Published in Proceedings	Jo-Avila, M. J., Roos, K., Al-Jumaily, A. M., & Lu, J. (2014). Super imposed length oscillations (SILO) and their effect on asthmatic models (acute and chronic) during an asthma attack [Abstract]. ASME 2014 International Mechanical Engineering Congress & Exposition. Montreal, Canada.
Conference contribution - Paper Published in Proceedings	Jo-Avila, M. J., Al-Jumaily, A. M., & Lu J. (2014). Super imposed pressure oscillations (SIPO) and their effect on acute asthmatic models during an induced asthmatic attack [Abstract]. Medical Science Congress of New Zealand. Queenstown, New Zealand.
Journal article - Article	Jo-Avila, M., Al-Jumaily, A. M., & Lu, J. (2014). Relaxant effect of superimposed length oscillation on sensitized airway smooth muscle. <i>Americal Journal of Physiology- Lung Cellular and Molecular Physiology</i> , doi: 10.1152/ajplung.00218.2014



Faculty Head office



WA Building (Level 6), Wellesley Street, Auckland Central, Auckland 1010, New Zealand.



Phone: +64 9 921-9601



Email: d&ct@aut.ac.nz

**FACULTY OF
DESIGN & CREATIVE TECHNOLOGIES**

City Campus

WA Building (Level 6), Wellesley Street,
Auckland Central, Auckland 1010, New Zealand.

Phone: +64 9 921-9601

Email: d&ct@aut.ac.nz