INAUGURAL PROFESSORIAL ADDRESS
PUBLIC LECTURE SERIES 2018

AUT

Auckland! How *smart* you are!

PROFESSOR PETER CHONG

Auckland is often described as a 'smart city', but how much does this really benefit those of us who live here? In his inaugural professorial address, Professor Peter Chong presents an overview of the 'smart city' and introduces various key technologies, mainly focusing on ICT. He will discuss the pros and cons of the 'smart city' and examples of relevant technologies and programmes in various cities – including Auckland – will be compared. Professor Chong will also outline his current research on smart mobility, which is one of the key technologies for the future 'smart city', and its commercial applications.

Professor Peter Han Joo Chong is Head of the Department of Electrical and Electronic Engineering (EEE) at Auckland University of Technology. He has significant international experience and was previously an Associate Professor at Nanyang Technological University in Singapore. He was educated in Canada and gained his PhD from the University of British Columbia in Vancouver. Professor Chong has worked as an academic and also within industry in Canada, Hong Kong and Finland. He worked for a time in the Advanced Networks Division at Agilent Technologies, Canada Inc, and as a Research Engineer for Nokia in Helsinki. He is the Editor of the journal KSII Transactions on Internet and Information Systems, and Guest Editor of the magazine IEEE Wireless Communications. He is currently also an Adjunct Professor at the Chinese University of Hong Kong. His research interests include mobile communications systems such as MANETs/VANETs, the Internet of Things/Vehicles and multihop cellular networks.
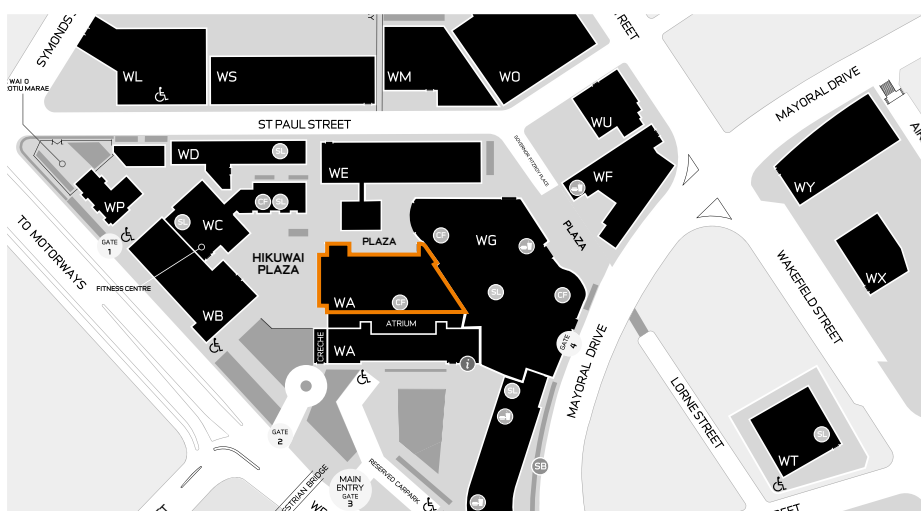
TUESDAY 29 MAY
4.30–5.30pm

WA Conference Centre

AUT City Campus
Level 2, WA Building
55 Wellesley Street East
Auckland 1010

To register for this event, please **CLICK HERE**
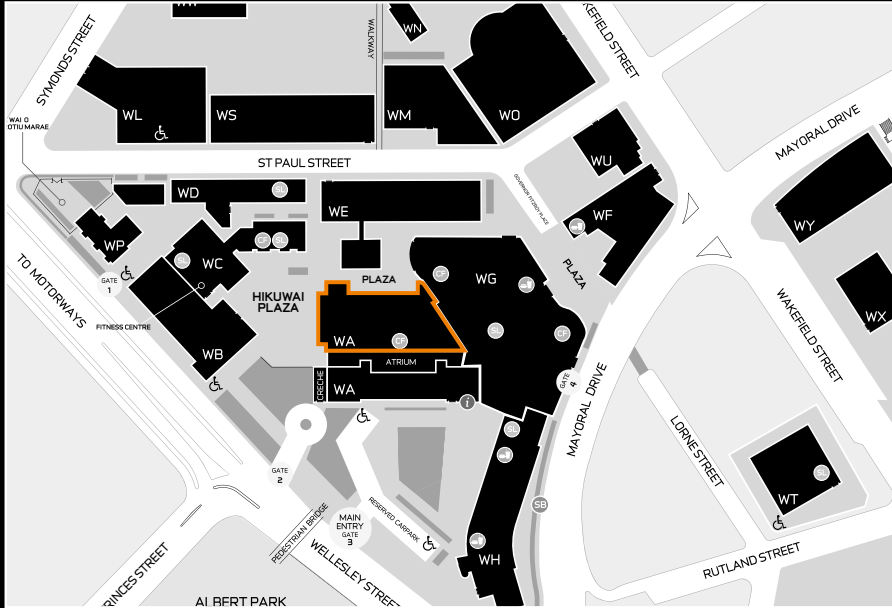
Refreshments will be served after the address.

AUT

INAUGURAL PROFESSORIAL ADDRESS

Auckland! How *smart* you are!

Professor Peter Chong
Professor of Engineering
Faculty of Design & Creative Technologies

Tuesday, 29 May 2018
4.30–5.30pm
AUT City Campus

TUESDAY
29 MAY 2018
4.30–5.30pm

WA Conference Centre
AUT City Campus

Level 2, WA Building
55 Wellesley Street East
Auckland 1010

RSVP: **sue.chapman@aut.ac.nz**

Refreshments will be served after the address.

A message from the Vice-Chancellor

Every year new professors join the AUT professoriate. The AUT Public Lecture Series, featuring professorial addresses, serves as a public platform for introducing new professors to university colleagues and to the wider community interested in their field. In each one-hour lecture, professors take their audience on a journey related to their research interests, their career to date, and the future as they see it. The AUT Public Lecture Series is accessible to a wide audience and well attended by AUT staff and visitors to the campus.

The diversity of topics is vast and each professor brings their distinctive personality and style to their presentation – but every lecture is connected by one theme: a deep and personal knowledge of the subject matter, often developed over a lifetime of research. Whether it's about corporate communications, marine ecology or human rights – each address represents a dedicated pursuit of knowledge, and a desire to share it.

Derek McCormack
Vice-Chancellor

PROFESSOR PETER CHONG

Auckland! How *smart* you are!

Auckland is often described as a 'smart city', but how much does this really benefit those of us who live here? In his inaugural professorial address, Professor Peter Chong presents an overview of the 'smart city' and introduces various key technologies, mainly focusing on ICT. He will discuss the pros and cons of the 'smart city' and examples of relevant technologies and programmes in various cities – including Auckland – will be compared. Professor Chong will also outline his current research on smart mobility, which is one of the key technologies for the future 'smart city', and its commercial applications.

Professor Peter Han Joo Chong is Head of the Department of Electrical and Electronic Engineering (EEE) at Auckland University of Technology. He has significant international experience and was previously an Associate

Professor at Nanyang Technological University in Singapore. He was educated in Canada and gained his PhD from the University of British Columbia in Vancouver. Professor Chong has worked as an academic and also within industry in Canada, Hong Kong and Finland. He worked for a time in the Advanced Networks Division at Agilent Technologies, Canada Inc, and as a Research Engineer for Nokia in Helsinki. He is the Editor of the journal KSII Transactions on Internet and Information Systems, and Guest Editor of the magazine IEEE Wireless Communications. He is currently also an Adjunct Professor at the Chinese University of Hong Kong. His research interests include mobile communications systems such as MANETs/VANETs, the Internet of Things/Vehicles and multihop cellular networks.