

# INAUGURAL PROFESSORIAL ADDRESS

PUBLIC LECTURE SERIES 2018

# AUT



**PROFESSOR  
GUY  
LITTLEFAIR**

## Can he lead a normal life? No, he'll be an engineer.

It's often said that engineering is "the application of science". This definition, however, illustrates the key problem for engineering and engineers: it – and they – are sublimated beneath "science" and not considered to constitute a discipline in their own right. For whereas science is concerned with discovery, engineering is concerned with the innovation necessary to make those discoveries manifest. And therefore everything we see, hear, touch, or otherwise encounter outside the natural world only exists because of engineering and engineers.

Professor Guy Littlefair will reveal how his own journey through education, experience, industrial practice, and the academy led to him reimagining tertiary engineering education and, through a \$55million Australian commonwealth investment, resulted in establishing the Centre for Advanced Design in Engineering Training. So much more

than merely a building, CADET distilled international best practice, integrated lessons from other design-based professions, and emerged as a new paradigm: problem oriented design based learning (PODBL).

Professor Guy Littlefair is the Pro Vice-Chancellor and Dean of the Faculty of Design and Creative Technologies at Auckland University of Technology.

Prior to his return to AUT in 2017, Professor Littlefair was the Pro Vice-Chancellor for Industry and Strategic Partnerships and earlier, the Dean of Engineering in the Faculty of Science, Engineering and the Built Environment at Deakin University in Australia. Combined with an academic career spanning 25 years, Professor Littlefair has also had the opportunity to spend time in industry, most recently at Navman where he oversaw the integration of the Mercury Marine products when the company was acquired by the Brunswick Group.

**TUESDAY  
28 AUGUST**

**4.30–5.30pm**

WA Conference Centre  
Sir Paul Reeves Building  
AUT City Campus  
55 Wellesley Street East  
Auckland 1010

To register for this event,  
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Refreshments will be served  
after the address.

