



AUPEC 2010

20th Australasian Universities Power Engineering Conference

"Power Quality for the 21st Century"



5 – 8 December 2010

University of Canterbury, Christchurch, New Zealand

WELCOME TO AUPEC 2010

On behalf of the Organising Committee for the Australasian Universities Power Engineering Conference 2010 I welcome you to Christchurch, New Zealand.

This is the second opportunity we have had to host AUPEC and only the second time the conference has been held outside of Australia. Over the intervening seven years since the University of Canterbury first hosted AUPEC in 2003 it has truly become an Australasian affair. With each annual AUPEC conference we are experiencing a wider international participation, particularly from those countries geographically close to Australia and New Zealand.

The first electrical engineering degree programmes in New Zealand were offered at the University of Canterbury in 1901 and electric power engineering tertiary education at the University of Canterbury continues to have a strong presence today. Our major sponsors from within the University are the College of Engineering, the Department of Electrical and Computer Engineering and principal sponsoring host, the Electric Power Engineering Centre (EPECentre), which is New Zealand's Centre of excellence for electric power engineering.

This year the committee received 212 abstracts from as far afield as Malaysia and Iran. A total of 154 papers were received for the final review and 129 have been accepted for presentation in four parallel sessions over three days.

I wish to acknowledge the significant financial support offered by the Australian Power Institute. The level of financial support we have received from our industry partners has also been gratifying. Thank you to all of those sponsors, through your generosity we have been able to put together an exciting programme of events at a reasonable cost to the participants.

Christchurch is known as the Garden City and I am sure you will agree that it is a beautiful city. Unfortunately as you travel around the city you will notice various battle scars from wrangling earthquakes, but by and large Christchurch has got back to normality quite quickly. Inland from Christchurch lies the Canterbury Plains and the Southern Alps, while adjacent to the city is the French township of Akaroa on Banks Peninsula. Whether you are confined to the city during your stay or have the opportunity to travel more widely, I hope that you can make time to see some of New Zealand's fabulous scenery.

Richard Duke
General Chair AUPEC2010