

27-30 September 2015

# AUPEC2015

## Challenges for Future Grids

**The Australian Power Quality and Reliability Centre (APQRC) at the University of Wollongong (UOW) is pleased to host the 2015 Australasian Universities Power Engineering Conference (AUPEC 2015). The conference will be held in Wollongong from 27-30 September 2015 at the Novotel Wollongong Northbeach. AUPEC is an annual conference with a well established history of over 20 years and today sees researchers and practicing power engineers from both academia and industry throughout the Australasian region connecting together to share research and ideas for the advancement of Power Engineering for the benefit of the power industry and consumers.**

The conference will provide an opportunity to not only explore the challenges facing the power grid of the future, but also to share a vision for solutions to those challenges. Contributions are particularly encouraged in the following subject areas of Power Engineering:

- Power Systems
- Power Quality & Harmonics
- Power Quality Surveying, Analysis & Reporting
- Power System Reliability
- Distributed Generation
- Renewable Energy
- Energy Management
- Energy Efficiency
- Transmission & Distribution
- Modelling & Simulation
- Power Systems Control & Protection
- Power System Operation & Planning
- Power Electronics & Drives
- Electrical Machines
- Smart Grid Development
- Sustainable Energy Technologies
- Industrial Automation & Control
- AI Applications in Power Systems
- High Voltage Systems
- FACTS Devices
- Diagnostics & Condition Monitoring
- Power Engineering Education
- Electricity Market & Power System Economics

A number of tutorials will also be available on Sunday 27 September, 2015.

#### Conference Chair

Professor Danny Sutanto  
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#### Technical Review Chair

Associate Professor Kashem Muttaqi  
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#### For further information contact:

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#### About UOW & APQRC

UOW is ranked in the top 2% of universities in the world and is one of Australia's leading modern universities. Visit the UOW web site [www.uow.edu.au](http://www.uow.edu.au) for more information.

APQRC is a centre of excellence for research, education and consulting in distribution and transmission system power quality, reliability and renewable energy systems. The Centre was established in 1996 as Australia's first Power Quality Centre and has an ongoing close relationship with the power industry.

APQRC conducts a wide range of applied research into power quality, distribution system reliability, and renewable energy system integration, runs regular continuing education courses in the areas of power quality as well as other specialised courses from time to time, and also provides further study opportunities for high calibre electrical engineering graduates to work on Doctor of Philosophy and Masters (Research) projects.

Visit [www.elec.uow.edu.au/apqrc](http://www.elec.uow.edu.au/apqrc) for more information.

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Power Engineering

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