



Electricity Engineers'
Association

Professional Development Programme



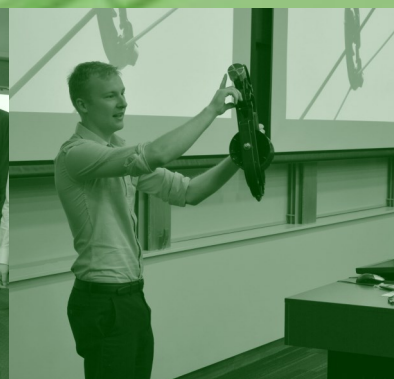
REFER TO SHEET A14

Annual Power Engineering Exchange

APEX | 2017

POWERED BY DATA

CHRISTCHURCH—18TH AUGUST 2017
UNIVERSITY OF CANTERBURY





The next Annual Power Engineering Exchange [APEX] Summit is taking place in Christchurch on the 18th of August 2017. APEX is free to attend, and to submit papers.

*APEX is a conference for **graduate engineers, of any discipline**, in the power engineering industry and a great opportunity to share experiences while learning from the presentations of others.*

Networking at events such as the APEX summit is an excellent way to start relationships and gain exposure to the industry.

APEX is now also a must-attend for students willing to meet and get useful advice from graduates, or simply to hear about some fantastic projects.

THEME

Data can be defined as factual information (such as measurements or statistics) used as a basis for reasoning, discussion, or calculation. This information can take a variety of forms. In the case of a construction project, you may require data from surveying the area you are going to build on, knowledge of the materials used, the intended purpose of the constructed product or the limitations of the equipment you are working with.

Engineering relies heavily on data, for the design, running and maintenance of assets. The electricity supply industry is poised to embark on the development of the 'smart grid' which will make unprecedented levels of data available to us. Now is a good time to reflect on how we, as engineers, identify what data is critical and how to best use it in the design and management of assets.

Some topics relating to data could include: obtaining and managing data; data as inputs to design; real time use of data (i.e. protection and SCADA); asset monitoring, diagnostics and maintenance decisions; how to make decisions based on limited or incomplete data.

Disciplines to consider include:

<i>Generation</i>	<i>Transmission</i>	<i>Distribution</i>
<i>New technologies</i>	<i>Asset Management</i>	<i>Skills and training</i>
<i>Protection</i>	<i>Communications</i>	<i>Health and Safety</i>
<i>SCADA</i>	<i>Regulatory Compliance</i>	

CALL FOR PRESENTATIONS

We encourage you and your staff to offer presentations by submitting a 200-word (one paragraph) abstract on a topic applicable to the power engineering industry. The programme allows for up to 12 presentations. Each presentation is a 20-minute MS PowerPoint presentation (approximately 12 slides) plus up to 5 minutes for questions.

Notes:

- The EEA is seeking presentations from graduate engineers with up to 5 years' experience in the ESI.
- The EEA reserves the right to limit the number of papers accepted per organisation to 2, should there be high demand for places. Additional papers submitted will still be reviewed, and may be accepted should space allow. This is to encourage a diversity of speakers from across the industry.

ABSTRACT SUBMISSIONS—DEADLINE

To be submitted to admin@eea.co.nz by **Friday 30th June 2017**.

- Abstract submission — word document
- Bio note (brief) — word document
- Photograph — .jpg format and passport size

Notification of acceptance will be **Wednesday 5th July 2017**.

ACCEPTED PRESENTATIONS

Presentation slides to be submitted to admin@eea.co.nz by **Friday 11th August 2017**.

- Presentation to be in MS PowerPoint—* Advise the EEA if your presentation requires sound or a video on this date.

BEST PRESENTATION AWARD

The APEX 'Best Presentation Award' is jointly sponsored by the EEA and CIGRE New Zealand. The Award prizes are the opportunity to present your paper at the EEA Conference in 2018, a cash prize of \$250.00 plus a year's free membership with CIGRE.

The Award judging criteria relate to the content and quality of the:

1. Summary/Abstract (25%)
2. Presentation (60%)
3. Discussion (15%)

Presenters will also be given feedback by the judges on their presentation skills. This feedback will aid presenters in refining their presentation skills early in their careers.

PEOPLE'S CHOICE AWARD

The 'People's Choice Award' will be decided by the audience at the end of the presentations. Voting papers will be available.

REGISTER TO ATTEND

Registration is essential, but is FREE. To register for the summit go to our Upcoming Events feed on our homepage. For catering purposes, we require a registration for each delegate. Registration includes:

- Morning and afternoon teas, lunch
- Attendance at the APEX Social Hour

Closing date for registering is Friday 11th August 2017.

VENUE

University of Canterbury, John Britten Building, John Britten Foyer—69 Creyke Road, Ilam, Christchurch

SOCIAL FUNCTION

APEX Social Hour is being held **from 4.40pm to 6.00pm** following the closure of the summit.

FURTHER DETAILS

Contact the EEA on 04 473 8600 or email admin@eea.co.nz or visit our website at www.eea.co.nz.

—Summit Sponsors—

