



Electricity Engineers'
Association

Professional Development Programme



REFER TO SHEET A11

Annual Power Engineering Exchange

APEX | 2019

EVOLVING TECHNOLOGY

CHRISTCHURCH 22ND AUGUST 2019
UNIVERSITY OF CANTERBURY
JOHN BRITTEN FOYER





The next Annual Power Engineering Exchange [APEX] Summit is taking place in Christchurch on the 22nd of August 2019.

THEME

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.

Engineering is all about solving problems and doing things smarter. How can we deliver electricity more reliably, at a lower cost, with improved safety outcomes and reduced environmental impact? How can we engineer solutions to achieve these objectives?

Technology is Evolving at a rate faster than any time in history, Artificial intelligence, autonomous vehicles, and machine learning are now a reality and being used in our industry and by customers. As these new technologies become mainstream, how can they and where can they be applied to electricity infrastructure assets to provide smarter solutions, increase performance, reduce environmental impact or provide a better service to your friends and family.

Sometimes it is just a case of seeing an old problem and applying an innovative, elegant solution with a new approach. New team work practices and processes can also significantly affect the outcome of applying evolving technology.

At this year's APEX Summit, we look forward to listening to presenters able to show how the impact of new evolving technologies have been applied or can be applied to their engineering work.

CALL FOR PRESENTATIONS¹ AND PANEL DISCUSSION

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. We are also interested in hearing from young engineers who would like to propose and facilitate a panel discussion on a topic relevant to the event's theme.

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>Safety in Design</i> | <i>SCADA</i> | <i>Regulatory Compliance</i> |

Notes:

- The EEA is seeking presentations from graduate engineers with up to 5 years' experience in the electricity supply industry.
- 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 19th July 2019**.

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

Notification of acceptance will be **Friday 19th July 2019**.

ACCEPTED PRESENTATIONS

Presentation slides to be submitted to admin@eea.co.nz by **Friday 16th August 2019**.

- 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 2020, a cash prize of \$250.00 plus a year's free membership with CIGRE.

The Award judging criteria relates 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 free, but essential. 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 registrations is Friday 16th August 2019.

VENUE

University of Canterbury: John Britten Foyer

SOCIAL FUNCTION

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

CONTACT DETAILS

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

SPONSORSHIP - Sponsorship opportunities are available to companies wanting to support the event, market their brand and achieve recognition as a key supporter of young engineers, APEX and EEA. Get in touch using the contact details above for more information.

—Summit Sponsors—

