



**Empowering those who will shape  
New Zealand's energy future**

# 2023 Guide for Industry Members

Aruhiko – PEET activities are supported through a collaborative partnership with the EPECentre, the student interface at the University of Canterbury (UC).

[www.peetnz.org](http://www.peetnz.org)

# Member benefits

*Your investment supports Aruhiko – PEET to ensure a pipeline of high-calibre talent to sustain and enhance our industry. Find out the ways your company can get involved and maximise student reach.*

## Company promotion

Receive “Premium Member” or “Member” acknowledgment in all Aruhiko – PEET promotional material, including the website, brochures, slide packs and presentations, and scholarship posters to high school and university students. We attend and promote Aruhiko – PEET at the annual EEA conference each year and share news and events in biannual newsletters to all our members and subscribers. We welcome members to share stories of recent grads with us to put in the newsletters, and encourage your colleagues to subscribe.

## Student recruitment for companies

There are many ways that members can recruit and advertise opportunities to our Engineering students throughout the year.

- **List your company profile and links to your career webpages and social media channels** on our EPECentre recruitment page.
- **Promote open internships and graduate jobs** through our social media and email channels direct to students at no cost
- **Run company sessions** for students on campus or online. We recommend running these around the time of the Power Careers Internships and Graduates Convention (see below). We also welcome tailor made company sessions at other times to suit you.

## Power Careers Internships and Graduates Convention

Save the date for the **2023 Power Careers Internships and Graduates Convention, held Thursday 27 July 2023** in the Rātā building (Engineering Core) at the University of Canterbury. This is free to attend by all members.

The event includes talks from senior engineers and managers in the industry, followed by a **Graduate and Young Engineers Panel** which gives students the opportunity to ask questions and gain some valuable insights about entering the industry. Members are invited to have their staff participate in these events.

This annual event allows students to meet recent graduate engineers and experienced representatives from the electricity industry and discuss career opportunities and pathways for future engineers. Power companies recruit engineers from all disciplines and all engineering students are welcome.

## Aruhiko – PEET scholarships and PEET company scholarships

Aruhiko – PEET Scholarships have been offered to students since 2003. Each year, 20-30 students receive scholarships to support their study in Electrical and Electronic Engineering at the University of Canterbury and, since 2021, University of Auckland (final year students).

All member donations support the Aruhiko – PEET Scholarships.

We also welcome Aruhiko – PEET members to **sponsor a separate Company or Regional Scholarship in their name**. This allows individual company members to tailor a scholarship that suits their needs, and may include the offer of a summer internship or grad position. The scholarships follow the same regulations of the PEET scholarship, but companies can select the year of student they wish to sponsor and, if a regional scholarship, the targeted region the student is from.

## Scholarship Awards

The Scholarship Awards is an annual event that celebrates all **Aruhiko – PEET Scholars** from First Year through to Postgraduate engineering students, and some specific company and regional scholarships. We **invite guest speakers from Aruhiko – PEET** to attend and inspire our scholars. This event takes place in October each year. Scholars also attend a welcome event in March with our Aruhiko-PEET board members and EPECentre staff.

## Scholar profiles

Aruhiko – PEET scholars are Electrical and Electronic Engineering students, selected based on their academic achievement and interest in Power Engineering. They are featured on the EPECentre website with bios and LinkedIn details. You can contact them through LinkedIn, if they have a profile, or by emailing us. See our scholars: [www.canterbury.ac.nz/epecentre/scholar-profiles/](http://www.canterbury.ac.nz/epecentre/scholar-profiles/)

## Sponsorship

Aruhiko – PEET sponsors various events and student groups throughout the year. These include annual sponsorship for the UC Motorsport club, who design, build and race a Formula SAE electric racing car and Women In Engineering WiECAN camps.

## Outreach events for high school students

Through support from Aruhiko – PEET member donations, you **support year 12 and 13 high school student outreach** and visits to the UC Electrical and Computer Engineering labs. Over one week each June we host local high school students, over 300 each year, to attend hands on activities and demos in on campus. This includes a visit and demo to our High Voltage Lab, programming and racing a solar cars, and optimising the design of wind turbines.

We also contribute to outreach events run by UC, including a Women in Engineering Camps and Tech Bootcamps, aimed at Māori and Pasifika students.

## Power Systems Field Trip

We organise day trips to Aruhiko – PEET members sites and the annual four-day Power Systems Field Trip.

The annual North and South Island Field Trips take around 30 students each year – usually occurring in the UC mid-semester break in April – to see the inner workings of NZ hydropower stations, wind farms, geothermal and co-generation plants, as well as some key consumers.

The Power Systems Field Trips are continually rated by students as the best at UC, giving insight and bringing to life learning in true context. Seats on the trips are limited and in high demand.

- South Island: This four-day trip departs for Southern Power Stations from Bluff to the Waitaki Valley.
- North Island: This four-day trip visits Northern Power Stations and Energy providers. The trip starts in Wellington where we visit wind farms and the northern terminal of the inter-island HVDC link, as well as geothermal stations, and finishes at Huntly to examine a thermal power station.

Aruhiko – PEET members are invited to **host our students on a tour of their facilities** as part of the field trip.

One-day field trips to member companies are also on offer, please get in touch if interested.

## Other UC recruitment events for companies

The University of Canterbury's Career Fairs and Expos are an excellent way of raising your organisation's profile with future graduates. The **STEM Careers event is run by the UC's Te Rōpū Rapuara | Careers team, on Wednesday 3 May 2023**. There is a cost to attend this but may suit those companies looking to recruit students from other disciplines outside of Engineering.

## Final year project discounts

Members are offered **discounted sponsorship of a tailored Power Engineering final year project**. Discounts depend on level of membership, and the cost is normally \$10,000 for a group project.

Final year projects are great opportunities for industry to engage with soon to graduate engineers, potential future recruits. This is your company's chance to work with a group of students (potentially multi-disciplinary depending upon the project) to do some analysis, feasibility studies, and develop prototypes.

For our students, this is an opportunity for them to work with real industry clients and work on real industry-based problems, and meet potential future employers.

Members also have an option to sponsor a summer project or postgraduate project as well.

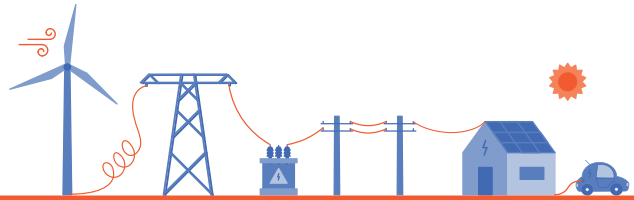
	EEE Final year Project	UC Summer Research Projects *	Postgraduate Research Projects ‡
Deadline to apply	December	Late Aug through EPECentre or UC Academic	N/A
Duration	Group Project: 4 Third Professional Year students - approx. 1000 hours of work	400 hours, mainly based at UC with UC supervisor*	1 to 3 years
Timing	February to October	November to mid-February	1 year for Master 3 years for PhD
Industry Funding	About \$10k <b>Rebate for PEET Members</b>	Funding to be negotiated	About \$30k annual†
Contact or website	<a href="mailto:peetnz@epecentre.ac.nz">peetnz@epecentre.ac.nz</a>  <a href="http://www.canterbury.ac.nz/engineering/schools/ece/industry-collaboration/">www.canterbury.ac.nz/engineering/schools/ece/industry-collaboration/</a>	<a href="mailto:peetnz@epecentre.ac.nz">peetnz@epecentre.ac.nz</a>	<a href="mailto:peetnz@epecentre.ac.nz">peetnz@epecentre.ac.nz</a>

\* A student can work over the summer, with a UC supervisor, on an industry-related research project. Note that this is different from an internship. Students must be conducting research rather than undertaking operational tasks as an employee. Students are "mainly" based at UC and will need an academic supervisor. Subject to Programme's availability.

† Potential cofunding through Callaghan Innovation, check eligibility: [www.callaghaninnovation.govt.nz/student-grants/rd-experience-grants](http://www.callaghaninnovation.govt.nz/student-grants/rd-experience-grants)

‡ Solve a more challenging R&D problem in your business with PhD or masters research. The research is undertaken inside your business and at the university and is the research.

# Key dates in 2023



Date	Event
21 March	Scholars Welcome Function
3-6 April	South Island Power Systems Field Trip
3 May	UC STEM Careers Fair
15 June	Aruhiko – PEET Undergraduate Scholarship applications open
19-22 June	High Schools visit UC Electrical and Computer Engineering Labs
27-29 June	EEA Conference
27 July	Power Internships and Graduates Convention
15 August	Aruhiko – PEET Undergraduate Scholarship applications close
5 October	Scholarship Awards

For updates please check [www.canterbury.ac.nz/epecentre/key-dates/](http://www.canterbury.ac.nz/epecentre/key-dates/)

## Connect with us

To find out more about any of these opportunities, email [peetnz@epecentre.ac.nz](mailto:peetnz@epecentre.ac.nz) or call us on +64 3 369 3114.

To receive news and information about events, follow the EPECentre on LinkedIn and Facebook, and subscribe to our newsletter mailing list.

 [www.linkedin.com/company/epecentre-electric-power-engineering-centre/](https://www.linkedin.com/company/epecentre-electric-power-engineering-centre/)

 [www.facebook.com/EPECentre/](https://www.facebook.com/EPECentre/)

 <http://eepurl.com/dw04Jn>

## Aruhiko – Power Engineering Excellence Trust Members

### Premium Members



### Members



*Thank you for your continued support!*