



Australasian Association for
Engineering Education



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2025-Edition 6- September

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President's Message

Dear Members,

This is a bumper issue, filled with many updates and activities. I encourage you to read each section carefully. My thanks go to all committee members for their outstanding efforts in making everything you see here possible.

Thank you to all who submitted papers and contributed to the reviewing process for **AAEE25**, as your support is greatly appreciated. Please be mindful that the cricket schedule may complicate travel arrangements, so I encourage you to book early.

Nominations for the **executive committee** are now open. Additional resources have been added to our website to help members understand the [committee's roles and responsibilities](#). These include the 2025 Portfolio & Committee Structure with Allocations and position descriptions for executive roles. These documents provide clarity on the nature of the roles and typical workloads, assisting anyone considering nomination. This should alleviate any surprises. Furthermore, those elected will be asked to join our December meeting to improve handover if required.

We are also committed to preserving and celebrating AAEE's history. To that end, we would like to form an **AAEE History Committee** to develop a dedicated 'history' page on our website. Volunteers are invited to help curate resources and shape how we present our rich heritage. Please contact me if you are interested.

We have some great news to report on the **grants** front. First, is a two-week extension to the AAEE grants. Secondly, as has been hinted at in previous newsletters we announce the new Whakatere | Navigation Grants 2026, an amazing initiative using surplus funds from the 35th AAEE Conference in Ōtautahi, Christchurch, together with financial support from the New Zealand Council of Engineering Deans. A huge thank you to our Vice-President, Enda Crossin, for driving this forward. Now with financial support from both ACED and NZCED our entire community has further reason to collaborate and prosper. I thank all Deans across Australia and New Zealand for their support to AAEE. Our strength lies in your support.

At the **August executive committee meeting**, updates were provided on conference planning, research initiatives, and accreditation, including progress towards Scopus indexing for our conference papers. The research school in Melbourne was well-received, and planning for the HDR Symposium continued, with discussions on governance and future management. The committee also reviewed election timelines, award promotion, and new proposals around grants and mentorship. Several subcommittees were established to support editorial recruitment, HDR Symposium leadership, and ECR member benefits. Further updates will follow as these initiatives progress.

Further information on all items are outlined in the relevant sections below.

Thank you for your support. Have a great September.

Regards

Sasha Nikolic


2025 AAEE Annual Conference



AAEE2025 is shaping up to be an interesting and provocative examination of the theme Engineering education: between the human and the digital. The keynote speakers are ready to dive into the theme but so too is the engineering education community based on submissions received so far!

Please note that recently the Australian Men's Test Ashes has been scheduled for 4-8 December in Brisbane. As a result, this has put a huge strain on Brisbane accommodation options. Anyone planning to attend the conference is encouraged to book flights and accommodation as soon as they can.

2025 AAEE Engineering Education Grants – EXTENDED to 15-Sep

 The **2025 AAEE Engineering Education Grants** deadline has been EXTENDED until 15 September 2025! If you've been working on your application or thinking about applying, you now have two extra weeks to get everything ready. Don't miss this opportunity to support innovative engineering education projects!

There are **3 grants of up to \$10,000** each available to projects which address the outcomes of the ACED Engineering Futures 2035.

The AAEE Engineering Education Grants nomination instructions provide information for nominees and their home institutions. The information covers the selection criteria, and the nomination and selection processes. You can find further information about the 2025 AAEE Engineering Education Grants on our website at: <https://aace.net.au/current-grants>

2025 AAEE Grant Information Session

You can watch the recorded video of August grants information session using this link: <https://youtu.be/s0Ghi4QG5ng>

New Education Grant Available: Whakatere | Navigation Grants 2026

Are you an early or mid-career engineering academic passionate about transforming engineering education?

Following the success of the 35th AAEE Conference in Ōtautahi | Christchurch, and with financial support from the New Zealand Council of Engineering Deans, the first applications for the **Whakatere | Navigation Grant** scheme is now live.

The **Whakatere | Navigation Grants** will support innovative, collaborative research projects that address key challenges in engineering education across **Aotearoa New Zealand and the Pacific**. Backed by AAEE and Engineering New Zealand | Te Ao Rangahau, these grants empower academics from Engineering New Zealand accredited institutions from to lead impactful projects, build national and international partnerships, and contribute to the growing community of engineering education researchers. Successful applicants can bid for funding for project activities, salary recovery, and AAEE conference travel. The total funding pool for 2026 is NZD\$25,000 ex. GST. One or two projects will be funded, commencing in 2026. Projects must demonstrate strong institutional support and a clear plan for impact and dissemination. Named investigators must be [AAEE members](#) at the time of application, and the Principal Investigator must be from an [institution accredited by Engineering New Zealand](#).

Applications close **31 October 2025**. Don't miss this opportunity to shape the future of engineering education in the Pacific! Learn more at <https://aaee.net.au/current-grants>

Submit your application to aaee@engineersaustralia.org.au

Announcement of Engineering Studies Paper Prize for 2025

The field of engineering studies is a diverse, interdisciplinary arena of scholarly research.

The prize celebrates an excellent refereed journal paper or book chapter addressing the relationships among the technical, social and philosophical dimensions of engineering practices, and how these relationships change over time and from place to place.

This year, the prize committee is calling for articles published in 2024 or 2025 in media *other than* the Engineering Studies journal. Next year, the committee will call for articles published in the Engineering Studies journal in 2025 or 2026.

Nominations can be submitted by any INES member. If you need help with a nomination, please reach out to Prof James Trevelyan james.trevelyan@emeriti.uwa.edu.au

Nominations will be judged by an Awards Committee made up of INES board members and distinguished scholars to reflect the international and interdisciplinary nature of the Network.

Some of the criteria that the award committee will consider include:

- Inspiring and relevant research problem
- Significant contribution to the field
- Outstanding use—and possibly development—of relevant theory
- Exemplary use of appropriate research methods
- Potential for transforming the field

Articles (refereed journal articles or book chapters) must be nominated by completing the following Google form, no later than September 15, 2025:

<https://forms.gle/TSSY2mhFsw9F9DN28>

Interview participants for AAEE/ACED Grant study

Call for interviews: sustainable industry-university partnerships

As part of our AAEE/ACED Grant, we are conducting research into sustainable industry-university partnerships and would welcome your assistance. The first stage of our research focused on current industry-university partnerships. We are now moving onto the second stage of our research, which will explore the enablers and challenges in establishing and maintaining industry-university partnerships.

We are looking for participants to share their experiences in a **semi-structured interview** which should take no longer than 1 hr of your time. We are interested in a **range of perspectives** from **academic** staff and **industry** members, whether you are currently in an educational or research partnership, interested in

forming partnerships, or not interested in forming partnerships. Please share this opportunity with your networks.

This research has been funded by an AAEE/ACED grant, as well as contributions from UTS, The University of Sydney, UNSW and UniSA.

If you are interested in participating, please review and complete the [participant information and consent form](#) and email it to Sai Rupa Devarapu at Sai.Devarapu@uts.edu.au.

You are under no obligation to participate in this research.

Yours sincerely,

Guien, Scott, Tania, Rosalie, Taran, Sai, Suba, Rod, Paul, Rita, Firoozeh

AAEE Awards information

A video has been produced that provides information about the Technical Society Awards managed by Engineers Australia and Early Career Citations managed by the Australasian Association for Engineering Education. You can access this video at <https://youtu.be/cCb5s2FDzLA>

The information is accurate for 2025. Please refer to the [AAEE Awards website](#) for up-to-date information.

EA Accreditation webinar series

The fourth webinar in the 2025 accreditation series (responding to accreditation panel reports) is being held at **11AM (AEST) on 22 September**. This webinar will focus on the nature and purpose of feedback that is received after an accreditation visit. Participants will be able to distinguish between mandatory requirements, recommendations for improvement, and Opportunities for Enhancement (i.e. suggestions for improvement) and understand the intent and implications of each within the accreditation process.

Please register for this webinar [here](#).

Become an Accreditation Discipline Expert for Engineers Australia

Help shape the future of engineering education by becoming an accreditation expert for Engineers Australia.

What is Accreditation?

Accreditation evaluates engineering programs—not individuals or universities—to ensure graduates are ready for professional practice as Engineering Associates, Engineering Technologists & Professional Engineers.

Why You Should Get Involved

Engineers working as academics and in industry bring their unique insights to accreditation panels, helping universities improve programs and better prepare students. Volunteers report a strong sense of professional satisfaction and impact.

What's Involved?

- 1–3 day visit with a panel of 3 (academics + industry engineers)
- EA covers travel, accommodation & meals
- You contribute your time as an in-kind gift to the profession
- Includes pre-visit reading and a short training session

More Information

- [Info Guide](#)
- [Become a Discipline Expert Webinar](#)
- [Submit an Expression of Interest](#)

Once we find a match for your discipline, we'll reach out 3–12 months before the visit.

Further Information: Helen Fairweather hfairweather@engineersaustralia.org.au

September CREITE meeting

September CREITE session Wed 17th 1230-2pm - Workshopping reviews

The Centre for Research into Engineering and Information Technology Education (CREITE) holds monthly meetings exploring topical issues and the latest research in engineering education. Activities include: guest speakers discussing EER methodologies or research projects; peer feedback sessions on draft abstracts or conference presentations, and interactive sessions on different skills and approaches in EER (e.g. reviewing journal manuscripts). CREITE is hosted by the University of Technology Sydney, with members from the Sydney region and beyond, including the University of New South Wales, University of Newcastle, and Charles Sturt University. We normally meet on the third Wednesday of the month, from 1230-2pm, Feb-Nov.

Our next CREITE session is planned for Wednesday September 17, 12:30-2 (as usual, lunchtime on the third Wednesday of each month, February to November). This session we'll be focusing on responding to reviews, as those of you with AAEE submissions should have received reviews by now - please bring them along!

Why are we doing this and what do we hope you'll get out of it?

Responding to reviews is a vital but sometimes frustrating part of research practices. We hope you'll leave the session with your chin held high, faith in humanity restored, and ready to take the research world by storm - reviewer 2 be damned!

What is it?

In this session we will discuss helpful (and not so helpful!) reviews, and how to respond appropriately. Please bring along any AAEE reviews that you're happy to share and we can workshop how best to respond.

Join us on Zoom:

<https://zoom.uts.edu.au/j/88012429428>

To join the Teams site or get added to our mailing list, please reach out to the coordinators:

- Guien Miao Guien.Miao@uts.edu.au
- Peter Neal peter.neal@unsw.edu.au
- Rosalie Goldsmith Rosalie.Goldsmith@uts.edu.au
- Scott Daniel Scott.Daniel@uts.edu.au

AI SIG Update

The AAEE AI SIG, known as the Australasian Artificial Intelligence in Engineering Education Centre, is very active. However, with much effort placed into submissions for AAEE25, there is little to share this month. We look forward to sharing this work with you at the conference. If you are interested in the integration of AI into project work, more videos have become available at <https://www.aaieec.org/projectwork>. The videos provide light guidance on the different ways to apply AI to support project work by using a CAC Co-intelligence model that supports learning. They demonstrate approaches that students can and should build upon.

Studies in Engineering Education invites applications for new Associate Editors

Studies in Engineering Education invites applications for new Associate Editors. As the journal grows, we are excited to expand the editorial team. Associate editors (AEs) are responsible for soliciting external reviews of articles, synthesizing the reviews and their own reading of the article, and making a recommendation to the journal editors. Potential AEs should be comfortable with qualitative and interpretive research paradigms. If you're interested in joining us, please send a short email describing your research experience and interests to see-editors-g@vt.edu.

Please reach out to us at that same email address if you have questions or would like more information.

Calls for Expressions of Interest in Hosting AAEE in 2028

The AAEE conducts an annual conference throughout Australia and New Zealand to promote engineering education scholarship and facilitate the dissemination of research and best practices throughout the engineering education community. An EOI to host AAEE2028 is due on **17 November 2025**.

Hosting this conference brings substantial visibility to your university and city. It provides a great networking platform and professional development opportunities within engineering education.

The 'Procedures to Host the 2028 conference' is now available on [the AAEE website](#). Please contact enda.crossin@canterbury.ac.nz with any questions or queries.

Engineering Registration & Chartered Information:

There have been requests from the community for information to help academics better understand registration and becoming chartered. Engineers Australia, via its OnDemand platform, provides resources that can build this understanding. There are paid and free options. You will need to log in with your EA ID, which you have to become an AAEE member.

For videos on registration: <https://eaondemand.engineersaustralia.org.au/Search?searchtext=registration>

For videos on becoming chartered: <https://eaondemand.engineersaustralia.org.au/Search?searchtext=chartered>

AJEE News

[Volume 30 Issue 1 of AJEE](#)

Editorial

[Celebrating 30 Years of Australasian Journal of Engineering Education](#)

Sally A Male

Pages: 1-3 | DOI: 10.1080/22054952.2025.2536861

Research Article

[Assessment in engineering education: pre-, during and post-pandemic](#) |

Kate Wilson, Dijana Townsend & Marina Harvey

Pages: 4-17 | DOI: 10.1080/22054952.2024.2401763

[Factors influencing educators' implementation of quality teaching practices in Australian engineering](#)

[education](#) |

Sarah Dart, Sam Cunningham, Alexander Gregg & Amy Young

Pages: 18-36 | DOI: 10.1080/22054952.2024.2407284

[The Purpose of Second Level Engineering Education: An examination of curricular consistency and industry alignment](#)

Jason Richard Power & Jeffrey Buckley

Pages: 37-48 | DOI: 10.1080/22054952.2024.2430155

[Experiences of indigenous women of New Zealand \(Māori\) in engineering and engineering trades](#)

Maryam Moridnejad, Wendy H Fox-Turnbull & Swathi Rangarajan

Pages: 49-61 | DOI: 10.1080/22054952.2024.2430156

[Curriculum comparison: chemical and mechanical engineering education in the United States and Turkey](#)

Hatice Cilsalar-Sagnak, Isil Anakok & Andrew Katz

Pages: 62-79 | DOI: 10.1080/22054952.2024.2441091

[Generative AI in engineering education: understanding acceptance and use of new GPT teaching tools within a](#)

[UTAUT framework](#) |

Christopher Honig, Shannon Rios & Aditya Desu

Pages: 80-92 | DOI: 10.1080/22054952.2025.2467500

Systematic Literature Review: Engineering Education Researcher Development

Of particular interest to those in the AAEE community considering, or in the process of, transitioning to engineering education research, is the paper recently published in the Journal of Engineering Education by Sarah Dart, Amy Young and Emma-Lee Steindl, titled [Systematic literature review of the factors influencing development of engineering education researchers](#). The review identified the key factors influencing engineering education researcher development, which aligned to the themes of environment, community,

knowledge acquisition, and personal attributes. The team synthesised the evidence to contribute practical recommendations for both researchers and leaders in enhancing development.

2025 AAEE Research School – RMIT

Over the winter break a record 33 participants attended the 18th AAEE Research School, this year hosted at the RMIT Activator in Melbourne’s CBD. Participants were mostly drawn from multiple institutions across the eastern seaboard with one international researcher.

Led by a stellar team of facilitators – Veronica Halupka, Tony Vo, Shannon Rios, Nick Brown, Sarah Dart, Tania Machet, and Scott Daniel – over the week participants delved into different theories, methodologies, methods, and analysis techniques, as well as learning about how to publish such work in a special guest session from Professor Sally Male, Editor-in-Chief at the Australasian Journal of Engineering Education.

Feedback showed that participants most valued engaging in meaningful discussions with other participants and the facilitators, learning about each of the stages associated with developing an engineering education research project, and getting to network with like-minded peers with future collaboration opportunities.

There will shortly be a call for 2026 hosts.



Nick facilitating a session



The 2025 AAEE Research School team and mentors



Observational exercise of facilitator activities

Call for nominations – AAEE executive committee 2026/2027

Each year the membership of the Australasian Association for Engineering Education (AAEE), a joint Engineers Australia and Engineering New Zealand Technical Society, appoints new members to serve on the executive committee for a two-year term.

The [executive committee](#) is tasked with setting and monitoring the strategic aims of the technical society, and to carry out the mission of the organisation: *“To foster excellence and innovation in engineering education in Australasia and to serve members with strategic leadership, foresight and management of operations through the productive engagement of all stakeholders.”* Please be aware that committee membership involves work to be undertaken in between the meetings.

This year, there are **two (2)** vacancies to be filled. As with the last few years, voting will be done through an online system.

If you are interested in applying to be on the executive, please fill out the [nomination form](#), find another AAEE member to support your nomination, and get your Dean (or equivalent) to sign their support. The nomination form should be accompanied by a statement of what you feel you can contribute to the AAEE (1 page maximum), which will be shared publicly via the voting portal and used in the voting process.

In 2025, we have shifted the timelines forward. We are doing this so that elected members can join our full day committee meeting online or in person on Sunday the 7th of December (noting that the term officially starts on the 1st of January). This is to provide an opportunity for handover should it be required. On the AAEE website we now have public position descriptions for most portfolios. We encourage potential nominees to explore the responsibilities and workload expectations before submitting a nomination. There are no guarantees to which portfolio you may be assigned. This is determined by experience, availability and fit.

How to Nominate

Please email your nomination form and accompanying statement directly to AAEE at the following address: AaeE@engineersaustralia.org.au. Nominations will close at **8:00pm AEST Tuesday, 30 September 2025**. Nominations received after the closing time and date will be ineligible and not considered.

Voting will go live shortly thereafter with a link emailed to all AAEE members. Voting will close 10 days later. If you would like further information about the Executive Committee or AAEE in general, please contact us directly or visit the AAEE website.