



Australasian Association for
Engineering Education



What's on in AAEE?

2025-Edition 1- April

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President's Message

Dear Members

I, Sasha Nikolic, have taken over the AAEE Presidency term for 2025-2026. I am excited to say we are working on many new initiatives. However, first, I would like to show appreciation to our past president, Steven Goh (now Past President), and the committee members Anne Gardner, Mohammad Al-Rawi, and Sarah Dart, whose terms ended last year. Thank you for the massive contributions made. We welcome Maryam Moridnejad and Samuel Cunningham to the committee. As volunteers we all try to serve the community the best we can within our spare capacity.

We are currently working on a strategic plan to enhance our structure, membership value and community & technical contribution. I will share more in due course. A key focus will be on trying to improve our communication. To do this, starting this month, our newsletters will become monthly. Expect them around the start of each month. We will also be looking to enhance our website with policies and details to help you be better informed on what AAEE is and how you can take advantage of the many opportunities. We do have some limitations. We have been drawing down our surpluses for the last 5+ years, and now we must start living within our means. This will mean some changes will be required. On a more positive note, we are reviving old partnerships with our sister organisations, SEFI and CEEA. Expect to read more about related opportunities in our upcoming newsletters.

Abstracts for AAEE25 will be due soon, and I encourage all members to participate. Our conference is something special: great people, atmosphere, research and practice. It is not something to be missed. For our ECRs and established members who want to enhance their engineering education research skills, we have the Winter School being hosted in Melbourne mid-year. The school is an essential starting point for anyone who wants to grow as an engineering education researcher.

All the best for April.

Regards
Sasha Nikolic

2025 AAEE Annual Conference



36th Australasian Association
for Engineering Education
Annual Conference

The 2025 conference will be held in Brisbane, Queensland. The 2025 conference will be hosted by the University of Queensland, 7th to the 10th of December, and will be held primarily at the picturesque St Lucia campus: <https://www.aee2025.org/>

The conference theme is:

Engineering education: between the human and the digital

The call for Abstracts is out now and closes on the 11th of April.

Registrations for the 2025 conference will open on the **28th of April.**

The 2026 conference has been awarded to Sydney (University of New South Wales).

Australasian Journal of Engineering Education (AJEE) News

Preview online the six papers that will be in the first issue of AJEE for 2025:

Cilsalar-Sagnak, H., Anakok, I., & Katz, A. (2024). Curriculum comparison: chemical and mechanical engineering education in the United States and Turkey. *Australasian Journal of Engineering Education*, 1–18. <https://doi.org/10.1080/22054952.2024.2441091>

Dart, S., Cunningham, S., Gregg, A., & Young, A. (2024). Factors influencing educators' implementation of quality teaching practices in Australian engineering education. *Australasian Journal of Engineering Education*, 1–19. <https://doi.org/10.1080/22054952.2024.2407284>

Honig, C., Rios, S., & Desu, A. (2025). Generative AI in engineering education: understanding acceptance and use of new GPT teaching tools within a UTAUT framework. *Australasian Journal of Engineering Education*, 1–13. <https://doi.org/10.1080/22054952.2025.2467500>

Power, J. R., & Buckley, J. (2024). The Purpose of Second Level Engineering Education: An examination of curricular consistency and industry alignment. *Australasian Journal of Engineering Education*, 1–12. <https://doi.org/10.1080/22054952.2024.2430155>

Moridnejad, M., Fox-Turnbull, W. H., & Rangarajan, S. (2024). Experiences of indigenous women of New Zealand (Māori) in engineering and engineering trades. *Australasian Journal of Engineering Education*, 1–13. <https://doi.org/10.1080/22054952.2024.2430156>

Wilson, K., Townsend, D., & Harvey, M. (2024). Assessment in engineering education: pre-, during and post-pandemic. *Australasian Journal of Engineering Education*, 1–14. <https://doi.org/10.1080/22054952.2024.2401763>

Position Available

Join the FEIT Teaching and Learning Lab, University of Melbourne, for 6 months, May to October 2025, level A, B, or C:

<http://jobs.unimelb.edu.au/caw/en/job/919550?1ApplicationSubSourceID=>

March Webinars

The recordings are available if you're interested.

The first webinar in the accreditation series commenced on the 24th March at 11AM (AEDT):

[Becoming an accreditation discipline expert | Engineers Australia](#)

Bruce Wymond, who delivered our Acting with Integrity webinar last year presented a Corruption Prevention Network seminar on 19 March 2025 at 1pm (AEDT): <https://corruptionprevention.net/2025-education-and-seminar-series/>

A Webinar was held to inform the feedback process on the *National Competency Standard for Engineering (NCSE) 2025*: 25 March 2025:1230hrs-1330hrs (AEDT) Register here: <https://cvent.me/2ZMAk1>

Upcoming conferences

SEFI Annual Conference | 15-18 September 2025

Tampere, Finland

Engineering and Society

Don't miss your chance to contribute to the biggest event on innovation in engineering education! Submit your paper or workshop proposal for the SEFI 2025 Annual Conference, the **deadline is 1 April 2025**.

We welcome three submission types:

- **research papers**, on engineering education (both quantitative and qualitative)
- **practice papers**, on teaching innovations in engineering education
- **workshops proposals**, which will demonstrate or explore an educational practice

Details about submission and presentation formats are available [here](#).

AI SIG Update

The AAEE AI SIG, known as the Australasian Artificial Intelligence in Engineering Education Centre, has been active for just over a year. We have grown to 88 members from over 16 universities. Some recent updates from the SIG:

New Cluster Formation: AI Governance - This cluster will explore the different policy frameworks universities have implemented to cater to GenAI uptake. What does good policy look like? Does AI integration impact accreditation? Are changes needed? If you are interested in tackling such changes, register here: https://uow.au1.qualtrics.com/jfe/form/SV_d68sqn79KVctEFM

Project-Group Cluster: This cluster released a framework paper that provides guidance on how AI can be integrated into project work. This work was developed by 16 academics from 9 Australian universities, showcasing how the SIG can foster collaboration, working together to find solutions to common problems. You can find the paper here: <https://aimspress.com/article/doi/10.3934/steme.2025016>

Academic Integrity Cluster: This cluster released a paper that explores the different assessment tasks in the teaching laboratory and discusses GenAI integrity and the holistic learning approaches needed. Its key contribution is a heatmap of the validity of assessment types in relation to learning objectives across the cognitive, psychomotor and affective domains. You can find the paper here: <https://doi.org/10.1080/03043797.2025.2456944>

For more information about the SIG, please visit: <https://www.aaiieec.org/>

Engineering Education Research School

The 2025 Engineering Education Research School is here

Elevate your engineering education research by attending the Engineering Education Research School delivered by the Australasian Association for Engineering Education.

This 5-day in-person active and engaging training program brings together novice, emerging and experienced education researchers to learn about:

- Designing and undertaking impactful education research projects
- Diverse research methodologies and methods

- Evidence for evaluating teaching practices
- Aligning activities to current educational trends
- Identifying and pursuing funding opportunities
- Collaborative national and international networks

The 2025 Engineering Education Research School will be hosted at the RMIT Activator, (Melbourne) between Monday 30 June and Friday 4 July 2025. Full event details and registrations are available at <https://www.engineersaustralia.org.au/event/2022/05/engineering-education-research-school-2025-a180b217>

Early bird registrations close 30 April 2025 - Standard = \$900, PhD Students = \$500

Full price registrations close 31 May 2025 - Standard = \$950, PhD Students = \$550

Price includes full week of facilitated instruction, learning materials, and daytime catering