



Australasian Association for
Engineering Education



What's on in AAEE?

2024 Edition 3 - July

- AAEE2024 Conference Update
- AAEE Awards
- 2024 AAEE Engineering Education Grants
- Australian Journal of Engineering Education (AJEE)
- Early Career Academy Applications Open

AAEE2024 Conference Update

EVENT:

AAEE2024 – The deadline for full papers and workshops has been extended



ŌTAUTAHI CHRISTCHURCH AOTEAROA NEW ZEALAND

**35TH AUSTRALASIAN
ASSOCIATION FOR
ENGINEERING EDUCATION
ANNUAL CONFERENCE**

**8-11 DEC
2024**

THE ENGINEER AND THE WORLD

The deadline for submitting full papers and workshop EOIs has been extended to Friday, 02 August 2024. Authors in all areas of engineering education are invited to submit full papers and expressions of interest for workshops, with a particular emphasis on the following topics:

- Innovative pedagogy
- Learner perspectives
- Graduate outcomes
- Community and industry needs

Authors are encouraged to identify alignment with the [United Nations Sustainable Development Goals](#).

Templates and a submission link are available via the conference website: www.aace2024.org.

Full papers can be submitted without an associated abstract submission.

[Registrations](#) for AAEE2024 are now open and we look forward to welcoming you in Christchurch. Nau mai haere mai ki Ōtautahi!

AEEE Awards

UPDATE:

AEEE Awards – nominations now open

There are three Technical Society awards:

- Australian Council of Engineering Deans National Award for Engineering Education Excellence
- Award for Engineering Education Engagement
- Award for Engineering Education Research Design

Nominations for these awards can be submitted via the [Engineers Australia platform](#).

AAEE also awards the Citation for Outstanding Early Career Contributions to Engineering Education.

Nominations for this award can be submitted via the [AAEE website](#).

Information on how to apply and eligibility criteria for the awards for are available on the [AAEE website](#). An information session will be held on Friday 19 July 1 – 2 pm Australian Eastern Time. Please register for this information session [here](#).

Nominations close 1 September 2024.

2024 AEEE Engineering Education Grants

INFORMATION:

I am pleased to announce that AAEE is proposing to fund up to two engineering education grants in 2024. The two grants of up to \$20,000, jointly funded by ACED, are for projects addressing issues identified in the [ACED Engineering Futures 2035 Report](#).

These grants are aimed at early and mid-career academics who are members of AAEE and employed by an eligible higher education institution or equivalent in Australia, New Zealand or Pacific. Cross-institutional applications are preferred.

For details on the grants and to nominate, please refer to the details available on the website:

<https://aace.net.au/current-grants/>

Applications are due **5pm (Australian Eastern Standard Time) - Monday 2 September 2024**.

AAEE Awards and Citations are also open for applications, and details are available on the AAEE website.

AJEE and JEE News

UPDATE:

Australian Journal of Engineering Education (AJEE)

List of AJEE latest papers

- Miao, G., Ranaraja, I., Grundy, S., Brown, N., Belkina, M., & Goldfinch, T. (2024). Project-based learning in Australian & New Zealand universities: sustainability and scalability. *Australasian Journal of Engineering Education*, 1–11. <https://doi.org/10.1080/22054952.2024.2358585>
- Miao, G., Ranaraja, I., Grundy, S., Brown, N., Belkina, M., & Goldfinch, T. (2024). Project-based learning in Australian & New Zealand universities: current practice and challenges. *Australasian Journal of Engineering Education*, 1–13. <https://doi.org/10.1080/22054952.2024.2358576>
- O'Connor, S., Power, J., Blom, N., & Tanner, D. (2024). Engineering students' perceptions of problem and project-based learning (PBL) in an online learning environment. *Australasian Journal of Engineering Education*, 1–14. <https://doi.org/10.1080/22054952.2024.2357404>
- Khin, M. N., Nopparatjamjomras, S., Chittaree, R., & Nopparatjamjomras, T. R. (2024). Development of the Bipolar Junction Transistor Diagnostic Test (BJTDT) to explore the second-year undergraduate Myanmar electronic and Thai electrical engineering students' understanding of BJT working principles and applications. *Australasian Journal of Engineering Education*, 1–18. <https://doi.org/10.1080/22054952.2024.2347792>
- De Zoysa, R., Male, S., & Chapman, E. (2024). Motivation and the role of empathy in engineering work. *Australasian Journal of Engineering Education*, 1–11. <https://doi.org/10.1080/22054952.2024.2346410>
- Kadam, K., Mishra, S., Iyer, S., & Deep, A. (2024). Unfolding learning difficulties in engineering drawing problem solving. *Australasian Journal of Engineering Education*, 1–13. <https://doi.org/10.1080/22054952.2024.2309703>
- Simpson-Smith, C. (2023). Recontextualising the teaching learning cycle within engineering education to improve the development of written communication skills. *Australasian Journal of Engineering Education*, 1–12. <https://doi.org/10.1080/22054952.2023.2287297>

- Gratchev, I., Howell, S., & Stegen, S. (2023). Academics' perception of final examinations in engineering education. *Australasian Journal of Engineering Education*, 1–10. <https://doi.org/10.1080/22054952.2023.2284484>
- Stephensen, R., & Cunningham, S. (2023). Uncovering Indigenous perspectives in the Australian engineering curriculum: a systematic literature review of practical examples. *Australasian Journal of Engineering Education*, 1–17. <https://doi.org/10.1080/22054952.2023.2282848>

Engineering Practice Research Summit 15-17 July 2024, Melbourne

Join the conversations at the Engineering Practice Research Summit 15-17 July 2024 in Melbourne. The Summit will bring together researchers and stakeholders of engineering practice. During the three days of the Summit, delegates will make brief presentations and provocations, and build on these in discussions, leading to positions on future research and support to inform engineering education and ensure sustainable engineering capability. Numbers are limited so that everyone attending will be able to engage fully in the discussions. Details and registration are at the link below.

<https://eng.unimelb.edu.au/tll/initiatives/engineering-practice-research-summit>

Early Career Academy Applications Open

INFORMATION:

Call for Early Career Academy Applications

AAEE now encourages applications for its Academy of Early Career Engineering Educators.

This leadership and professional development program focuses on mentoring and supporting early career education-focused academics. It aims to inspire, motivate and educate its members through close networking of like-minded people, who will assist with professional development, employability and leadership potential in engineering education.

For more details and for candidate (and mentor) application forms, see <https://aace.net.au/academy/>

If you need further information, then contact the current Academy Co-ordinator, Iain Skinner i.skinner@unsw.edu.au

To apply for the academy, please fill out the linked form above. You will need to upload your signed nomination form, statement of support, and nomination statement in one PDF document. Applications must be submitted by 5 pm (AEST) Wednesday **31st July 2024**.
