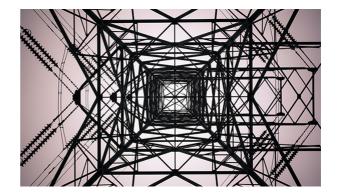


## Australasian Association for Engineering Education

## **Edition 6**

What's on in the AAEE?



#### Dear,

Included in this email are updates on the following topics:

- AAEE Awards
- Tag-a-mate membership drive
- 2022 Winter School
- Early Career Academy
- AJEE Editorial team news
- AAEE 2022 conference
- EOI for 2023 or 2024 AAEE conference
- From the community
- Remembering Vale Lyndal Parker



#### AAEE AWARDS

AAEE President travelled to the University of Wollongong Innovation campus to present Prof Tim McCarthy with the 2021 AAEE/ACED Award for Engineering Education Excellence. The day included a guided tour of the Desert Rose and Illawarra Flame houses and the Sustainable Buildings Research Centre, which featured in his Award application.

AAEE Awards for 2022 are now open, along with citations for outstanding early career contributions to engineering education. Find out more on the AAEE website.

A webinar describing the process and judging criteria will be held at 12 noon AEST on 15 July. Register with Eventbrite.

## Tag-a-Mate: ask them to join and promote the work of AAEE

Please promote AAEE at your institution or in your networks. You can use the following example text:

Dear Colleagues,

I invite you to register and sign up as a member of AAEE (Australian Association for Engineering Education).

AAEE is a technical society of Engineers Australia and Engineering NZ, which seeks to provide professional development opportunities for engineering educators and seeks to foster and promote engineering education research and scholarships.

We work closely with Engineers Australia, Engineering NZ, and Australian Council of Engineering Deans to help set future direction and strategies for engineering education. We have currently over 1000 active members and would like to reach out to more engineering academics.

It is free to join as the annual membership fee is already paid for participating Australian and New Zealand engineering faculties and schools. You can join by registering a new account on our website.

### 2022 Winter School

The AAEE Winter School is an immersive experience that brings together engineering education researchers, hosted at UTS from 18 – 22 July.

Attendees will learn about:

- Designing and undertaking effective education research projects
- Evaluating teaching and curriculum
- Positioning evaluation and research activities considering current trends
- Appreciating and responding to national and local grant opportunities
- Building collaborative research partnerships across Australia and beyond

Fees for the week (including instruction, materials, and morning and afternoon teas) are:

- \$AU400 for PhD students (who are not full-time academics)
- \$AU700 for academic staff members of AAEE
- \$AU800 for academic staff non-members of AAEE

Daily registration for returning participants on Thursday and/or Friday costs:

- \$AU50 for PhD students (who are not full-time academics)
- \$AU100 for academic staff

If you are travelling and the direct flight time from the city/town where you work, to Sydney is more than two hours there will be a \$AU100 reduction in registration fees to assist with flight costs.

Deadline for registration: Monday 4 July, 2022. Register using our digital

#### form. Any enquiries email: Anne.Gardner@uts.edu.au

#### Early Career Academy

Nominations are open for the AAEE Early Career Academy.

The Academy is an innovative leadership program with a focus on early career education focused academics. The Academy will inspire, motivate and educate these academics about the opportunities available for employment and leadership in engineering education.

Ask your Dean, ADTL or Head of School to sign your nomination form. If you are an ADTL prod appropriate staff to apply. This year we will accept two nominations from an institution. Please see information and forms on our website.

## Australian Journal of Engineering Education

The Australasian Journal of Engineering Education volume 26, issue 2 (2021) is now available online. Reading AJEE articles is a valuable way of keeping up to date with your scholarship and research in engineering education.

### **Editorial team news**

We are delighted to share that Dr Andrea Goncher will join the Editorial Team of the Australasian Journal of Engineering Education as an Associate Editor. Dr Goncher has been serving as an Advisory Committee Member of Journal.

Dr Goncher is an Instructional Assistant Professor at the University of Florida (USA) in the Department of Engineering Education. She has held postdoctoral and faculty positions at Queensland University of Technology and Charles Sturt University.

Dr. Goncher's research interests include international engineering education with approaches to facilitate student development through design thinking and human-centered engineering. She has worked with Engineers Without Borders- Australia and Unbound, to provide students immersive learning experiences in humanitarian engineering. Dr. Goncher teaches first-year and capstone design courses and elements of electrical engineering. She integrates her teaching and research practices by using machine learning to improve conceptual understanding and personalize learning.

Dr. Goncher is an honors graduate of Duquesne University, where she earned her BS in Physics. She was awarded a Master of Science in Industrial Engineering from the University of Pittsburgh and received her Ph.D. in Engineering Education from Virginia Tech.

#### Upcoming events and conferences

The 33rd Australasian Association for Engineering Education Conference – Future of Engineering Education

4 - 7 December 2022, Western Sydney University, Australia

AAEE2022 will showcase the latest innovations and advancements as well as future trends in engineering education. The conference will be held in hybrid mode, but we are encouraging our member to join in person.

The deadline for full paper and workshop submission is Friday 15 July 2022.

Deadline for early bird registration is Friday 23 September 2022.

More information about paper submission can be found on the conference website.

#### Call for papers: REES AAEE 2021 special issue

Papers are invited for a special issue of the Australasian Journal of Engineering Education on the theme Engineering Education Research Capability Development.

Full papers for the Journal's special issue, aligned with REES AAEE 2021, must be submitted to the Journal by 31 July 2022 for consideration.

Guest editors for the special issue are Dr Sarah Dart, Queensland University of Technology, Associate Professor Jillian Seniuk Cicek, University of Manitoba, and Prof Sohum Sohoni, Milwaukee School of Engineering.

Participants in the REES AAEE 2021 themed interactive paper sessions are invited to develop papers through collaboration during and following the paper sessions. Additionally, papers may be expanded from a research paper presented at REES AAEE 2021, or they may be original papers on the theme. Authors should follow the Journal's guidelines.

# Call for papers: special issue of the Australasian Journal of Engineering Education on Engineering Education Research Capability Development

Guest editors for the special issue are Dr Sarah Dart, Queensland University of Technology, Associate Professor Jillian Seniuk Cicek, University of Manitoba and Prof Sohum Sohoni, Milwaukee School of Engineering.

Full papers for the special issue must be submitted to the Journal by 31 July 2022 for consideration. More information can be found on our website.

#### Calls of Expressions of Interest: hosting AAEE in 2023 and 2024

The Australasian Association for Engineering Education (AAEE) conducts an annual conference throughout Australia and New Zealand. The conference promotes scholarship in engineering education and facilitates the dissemination of research and best practice throughout the engineering education community.

Hosting this conference can bring substantial visibility to your university, provides a great networking platform and professional development opportunity within the field of engineering education.

### **Remembering Lyndal Parker**

Lyndal Parker was an active member of AAEE and sadly passed away on 6 May 2022. She attended most conferences in the last decade and was a repeat participant at Winter Schools – co-authoring a key AJEE paper on the Winter School experience. Lyndal will be missed by her AAEE colleagues, but particularly by AAEE members at USyd (where she worked most recently) and UTS (where she worked for many years).



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