



Australasian Association for
Engineering Education



What's on in AAEE?

2021 Edition 2



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AAEE Executive and President

The 2021 AAEE Executive have already been meeting to discuss exciting opportunities for 2021. The new committee members are:

- Anne Gardner (President)
- Steven Goh (Vice-President)
- Mark Symes (Immediate Past- President & Secretary)
- Mohammad Al-Rawi (Treasurer)
- Sasha Nikolic
- Sara Moridpour
- Sarah Dart
- Karen Whelan
- Bernadette Foley (Engineers Australia)
- Brett Williams (Engineering New Zealand)
- Sally Male (*Australasian Journal of Engineering Education*)
- Scott Smith (Australian Council of Engineering Deans)

Read new president Anne Gardner's message on the [AAEE Website](#) and check in regularly to see news and updates on our activities.

REES - AAEE2021 Conference Call for Papers out now!

The Research in Engineering Education Symposium and Australasian Association for Engineering Education Annual Conference (REES AAEE 2021) will be held jointly on 5-8 December 2021:

- face-to-face at The University of Western Australia, Perth, Western Australia
- hybrid during Perth business hours, and
- online outside Perth business hours.

We are delighted to invite submissions of papers and workshop proposals, around the conference theme which is **Engineering Education Research Capability Development**.

Details of submission types and requirements available on the conference website: <https://rees-aaee21.org/call-for-papers-and-workshops/>

Don't forget the following important Key Dates:

- 12 March 2021 – Call for Abstracts Open
- 30 April 2021 – Structured Abstract Submission Deadline
- 31 May 2021 – Structured Abstract Decision
- 15 June 2021 – Registrations Open
- 23 July 2021 – Full Paper Submission & Workshop Proposal Deadline
- 13 September 2021 – Paper and Workshop Decisions
- 27 September 2021 – Camera Ready Submission Deadline
- 5-8 December 2021 – Research in Engineering Education Symposium and AAEE Annual Conference

Call for EOIs: AAEE 2022 Conference Host

AAEE conducts an annual conference throughout Australia and New Zealand aimed at promoting scholarship in engineering education and facilitating the dissemination of research and best practice throughout the engineering education community.

Are you interested in being the host for AAEE 2022? If so, consider expressing interest to the AAEE Executive Conference Coordinator by **4 June 2021**. Details of what is required are available via the AAEE website: <https://aaee.net.au/conferences/>

AAEE Early Career Academy news

Members of the Early Career Academy have less than 5 years full-time employment as teaching academics at the time of joining.

We have had two catch-up meetings over zoom so far in 2021 and have used this time to get know one another and explore what responsibilities we carry, both teaching and non-teaching. It has been interesting to compare experience at different institutions. It seems many places have entrusted large first year classes to the care of our less experienced members. What a vote of confidence in the abilities of members! Time was when you were not permitted to teach one until you had the requisite experience.

As the year progresses, we have plans to garner wisdom from some of the more experienced members of AAEE who have engaged successfully in various activities. The first two topics we will explore are Publication and Cross-institutional Collaboration. As the year progresses, we hope to arrange some physical meetings, too.

And we are open to recommendations of thought-provoking books that "should" be read by all engineering academics, early career or otherwise.

Iain Skinner (Academy co-ordinator)

AAEE Winter School 2021

AAEE's Summer and Winter School Programs are immersive experiences that bring together engineering educators and researchers wanting to enter into engineering education research (and those who want a refresher!) to learn about designing and undertaking effective education research projects, evaluating teaching and curriculum and positioning evaluation and research activities in light of current trends. Winter School has become a flagship event in the AAEE calendar, having been offered for many years throughout Australia in the June/July break between semesters attracting educators and researchers from all over Australasia (and even some from further afield!).

Winter School 2021 will run in the June/July break between academic semesters. Please see further details and a link to the registration form [here](#).

Invitation to submit: Special Issue on Engineering Sustainability Education



The image shows the cover of a special issue for the International Journal of Environmental Research and Public Health. The cover has a green background with white and yellow text. In the top left corner, there is a logo of a globe with a caduceus symbol. To the right of the logo, the journal title is written in green and white. Below the title, it says 'an Open Access Journal by MDPI'. In the top right corner, there is a yellow circular badge with the text 'IMPACT FACTOR 2.849'. The main title of the special issue, 'Engineering Sustainability Education and Life Cycle Assessment', is centered in white. Below the title, the guest editors are listed: 'Guest Editors Dr. Michele John, Dr. Sally Male'. The deadline is given as 'Deadline 31 December 2021'. At the bottom left, the URL 'mdpi.com/si/69183' is provided. At the bottom right, the words 'Special Issue' are written in large white letters, with 'Special' on one line and 'Issue' on the next. Below 'Special Issue', the text 'invitation to submit' is written in a smaller white font.

International Journal of
*Environmental Research
and Public Health*
an Open Access Journal by MDPI

IMPACT
FACTOR
2.849

Engineering Sustainability Education and Life Cycle
Assessment

Guest Editors
Dr. Michele John, Dr. Sally Male

Deadline
31 December 2021

mdpi.com/si/69183

Special Issue
invitation to submit

Australasian Journal of Engineering Education (AJEE)

Sally Male, Editor-in-Chief, *Australasian Journal of Engineering Education*

Thanks to major commitments of time and expertise from authors, reviewers, the Editorial team, and the publisher, and the support of the Australasian Association for Engineering Education and Engineers Australia, there is much to celebrate about the *Australasian Journal of Engineering Education*.

Open Call for Papers for a Special Issue *Disrupting Business as Usual*

Researchers are invited to submit full papers to the Journal for a special issue on *Disrupting Business as Usual*, the theme of the AAEE Virtual Conference 2020. Authors are welcome to interpret the theme widely. Papers may be original, or expanded from the Conference. The deadline for full papers is 15 April 2021. Paper must satisfy the Journal's [Aims and Scope](#).

From the Community

If you have an upcoming event, opportunity or resource you would like to be considered to be shared with the broader AAEE community via the newsletter - please either post it to the Facebook group or [submit it via the website portal](#) by the 1st of each month.

Upcoming Events and Conferences

- 28-30 April 2021 – Work-Integrated Learning New Zealand Conference (University of Waikato), 'Work-Integrated Learning on the Rise 2.0'. [For more information see here](#).
- Weekly (typically announced Monday) – ONLINE - [IFEES Webinars](#)

2021 Conferences

Never too early to start thinking about 2021. With some abstracts due in the coming months, we've compiled a list of conferences already announced for 2021. For further information, please search and refer to the organisation's website.

	Abstracts Due	Conference Dates and Location
Research in Engineering Education Symposium (REES) and AAEE Annual Conference (2021)	30 April 2021	5 – 9 December 2021 Perth, Australia

IEEE World Engineering Education Conference (EDUNINE) – Hybrid mode conference	<i>15 October 2020</i>	14-17 March 2021 Guatemala, Guatemala
IEEE Global Engineering Education Conference (EDUCON)	<i>05 October 2020</i>	21 - 23 April 2021 Vienna, Austria
Canadian Engineering Education Association (CEEA-ACEG) Annual Conference	<i>11 January 2021</i>	20 - 23 June 2021 Charlottetown, Canada
American Society for Engineering Education (ASEE) Annual Conference	<i>12 October 2020</i>	27 - 30 June 2021 California, USA
Higher Education Research and Development Society of Australia (HERDSA) Annual Conference	<i>22 January 2021</i>	7 – 10 July 2021 Brisbane, Australia
Frontiers in Education (FIE) Conference (Engineering and Computing Education)	<i>25 January 2021</i>	13 – 16 October Lincoln, USA

Resources and Discussion

A quick snapshot of the discussions, shared articles and resources from the Facebook group lately and some scooped up from engineering education relevant conversations on Twitter. If you're on Facebook and not yet a member, [join the group online here](#).

- Returning to campus! Are your students coming back to campus? Share your photos and experiences with the AAEE community on Facebook.
- New journal! STEM Education ([STEME](#)) is the official journal for STEM Education of the American Institute of Mathematical Sciences (AIMS).
- [AAEE wiki](#)
- [ASEE interim report – COVID-19 and Engineering Education](#)
- [Proposed updated IEA Benchmark for Graduate Attributes and Professional Competencies](#)
- [ASEE's Black in Engineering Resource page](#) outlining specific actions that colleges and universities can take toward becoming anti-racist institutions, offering a set of guiding principles and a series of action-oriented recommendations.
- Recordings from previous CHEER UP webinars - <http://bit.do/cheerupvideos>
- Recordings from [Education 4.0 Our Next Phase to Curriculum and Assessment Design International Virtual Series](#)

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