



Australasian Association for
Engineering Education



What's on in AAEE?

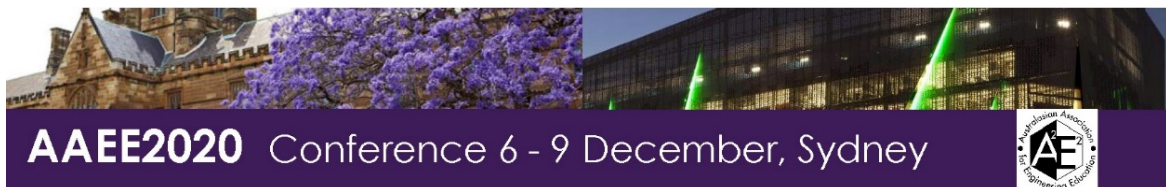
2020 Edition 3 - May

- AAEE2020 Conference Update
- Engineering NZ Value of Engineering Report
- Selected AJEE articles available for free for a limited time only
- From the Community – Online events and conferences, connecting with the AAEE community, opportunities available and discussion from the Facebook group!

EVENT:

AAEE2020 Abstract deadline 17th May!

The deadline of abstracts has been extended to 17th May in light of recent global events. We invite your submissions for possibly the most aptly themed conference in history - *Disrupting Business as Usual in Engineering Education*. Please visit www.aaee2020.com.au for full details. The organisers are also seeking feedback from the AAEE community to assist with our planning of the conference around COVID-19. Your feedback [via this survey](#) would be greatly appreciated!



AAEE2020 Conference 6 - 9 December, Sydney



REPORT:

Engineering New Zealand Value of Engineering Report

Engineering New Zealand recently released a report into the scope and economic impact of engineering-based activities in New Zealand. It estimates that engineering contributed \$14.5 billion to \$15.5 billion to the New Zealand economy in 2018, making it approximately as large as the entire primary sector. The report also estimates the number of engineers employed throughout the economy at 73, 650 as no other official statistics exist capturing this. For more information, including the full details, findings and outcomes of the report please see <https://www.engineeringnz.org/big-deal/>

Australasian Journal of Engineering Education (AJEE) News

UPDATE:

Selected AJEE papers open and free to access for a short time only

The selected papers below in the *Australasian Journal of Engineering Education* have been opened for free access by Taylor & Francis until 30 June 2020. Please share with your colleagues to promote the journal.

- [Exploring student disability and professional identity: navigating sociocultural expectations in U.S. undergraduate civil engineering programs](#)
Cassandra McCall, Ashley Shew, Denise R. Simmons, Marie C. Paretti & Lisa D. McNair
Year: 2020
DOI: 10.1080/22054952.2020.1720434
- [Video coding of classroom observations for research and instructional support in an innovative learning environment.](#)
David Evenhouse, Austin Zadoks, Claudio Cesar Silva de Freitas, Nimit Patel, Rohit Kandakatta, Nick Stites, Taylor Prebel, Edward Berger, Charles Krousgrill, Jeffrey F. Rhoads, Jennifer DeBoer
Year: 2018
DOI: 10.1080/22054952.2018.1519984
- [Learning and teaching style assessment for improving project-based learning of engineering students: A case of United Arab Emirates University.](#)
Rezaul K. Chowdhury
Year: 2015
DOI: 10.7158/D13-014.2015.20.1
- [Threshold concepts in undergraduate engineering: Exploring engineering roles and value of learning.](#)
Sally A. Male and Dawn Bennett
Year: 2015
DOI: 10.7158/D14-006.2015.20.1

Have you seen the [latest from AJEE?](#)

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 email ashlee.m.pearson@gmail.com by the 1st of each month.

INFORMATION:

Online Events and Conferences:

- 14 May – [The Big Engineering Education Research Meet Up](#)
- 18 May – (and every other Monday) [UNSW Physics Education Research for Evidence Centred Teaching \(PERFECT\) Journal Club](#)
- 19 May – ASEE Webinar: [Learning what Matters – A novel approach to study and adapt to the real-time impacts of COVID-19 on Engineering Education](#)
- 22 May – [UK Engineering Professors' Council: Accreditation Under Lockdown](#)
- Ad Hoc – [IFEES Webinars](#)
- Tuesdays, 9pm AEST - [Lasting Impact from Crisis Innovation: Webinar Series for Engineering Educators \(UK based\)](#)

- 21 – 25 June – American Society for Engineering Education (ASEE) Annual Conference has moved online at a significantly reduced rate. [See here for the full statement.](#)
- 20 – 24 September – European Society for Engineering Education (SEFI) Annual Conference has moved online and extended the deadline for submissions for the SEFI doctoral symposium to 1 June. [For more details see conference website.](#)
- AAEE Awards roadshow and online networking event series coming soon...

INFORMATION:

You're not alone! Connect in with the AAEE community

If you're feeling frustrated, alone or just want to see how other members of the AAEE community are handling teaching and research in the current climate, you can [join the AAEE Facebook group here.](#)

If you're a PhD or Masters by Research student and working on a project related to engineering education, there's a Slack group for that. You can join by emailing Ashlee at ashlee.m.pearson@gmail.com. If you supervise PhD or Master by Research students on topics related to engineering education, please share this information with your students.

The more the merrier because after all, we're all in this together.

OPPORTUNITIES:

Opportunities

Research and Publishing:

- *Journal of Engineering Education* is calling for papers for a Special Themed Section on the 'Effects on the Engineering Education Community of the COVID-19 Pandemic'. Submission Deadline 1 December 2020. [See this statement for further information.](#)
- *Advances in Engineering Education* is seeking short, 1000-word papers for a special issue on COVID-19 and the conversion to virtual learning. Submission deadline 30 June. [See this statement for further information.](#)

Employment:

- [Postdoc in Communication and Learning in Science - Chalmers University of Technology](#); 24 month fully funded position starting October 2020, deadline 15 May 2020
- [Professor in Problem Based Learning in Engineering Education – Aalborg University](#); deadline 31 May 2020
- [Open Rank Faculty Members in Human – Centred Engineering – Boston College: Morrissey College of Arts and Sciences](#); open date from 26 Mar 2020
- [Forrest Research Foundation offers 3 year post-doctoral fellowships](#) to candidates from all countries and all disciplines. Fellowships can be held at any of Western Australia's five universities. Applications close 1 June.
- [Women in Science and Engineering role at RMIT University](#) – Ongoing Expressions of Interest

INFORMATION:

Some Interesting Bits From the Internet This Month

A quick snapshot of the discussions and shared articles from the Facebook group lately. If you're on Facebook and not yet a member, [join the group online here](#).

- [Early journal submission data suggests COVID-19 is tanking women's research productivity](#)
- [How academia resembles a drug gang](#)
- [How to work from home effectively – and without harming your health](#)
- [How will the probably collapse in international student numbers as a result of coronavirus affect UK Engineering departments? We've crunched the numbers.](#)
- [The Risks of returning to public spaces – Know Them, Avoid Them](#)
- Podcasts – [Teachers Supporting Teachers](#), [Open Classrooms](#)
- Discussion on the price of virtual conferences, the state of higher education in the current pandemic, funding cuts and voluntary pay reductions for 9 day fortnights as well as calculating inter-rater reliability for qualitative data that is not mutually exclusive.

[Unsubscribe from AAEE](#)