

Energy Research Institutes Council for Australia (ERICA)

invites you to register for



the State-of-Energy-Research Conference

3 & 4 July 2019

Wednesday - Thursday

at the

Cultural Centre, Kambri Precinct,
The Australian National University,
Canberra, ACT

The State-of-Energy-Research Conference (SoERC) is Australia's first two-day **research-only** energy conference. It is being organised by ERICA - a peak body of 11 university research institutes.

SoERC provides high-level plenary overviews with parallel invited keynote talks, industry panel discussions and poster sessions.

SoERC covers all aspects of energy research ranging from fundamental science, engineering and technology, to the energy implementation disciplines of economics, regulation, security, sociology and policy.

Members of the energy community are encouraged to register here:

<https://www.eventbrite.com.au/e/the-state-of-energy-research-conference-soerc-tickets-58347586201>

SoERC has also arranged for limited childcare facilities for infants at the Acton Early Childhood Centre (on-campus).

Please visit www.erica.org.au/soerc for further information on SoERC.

We look forward to seeing you at the inaugural State-of-Energy-Research Conference!

Yours sincerely,
Prof. Ken Baldwin
SoERC General Chair

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State-of-Energy-Research Conference

3 & 4 July 2019 (Wednesday - Thursday)
Cultural Centre, The Australian National University



Accommodation and Travel Information

SoERC will be held at the Cultural Centre in the Kambri Precinct (www.kambri.anu.edu.au) at the Australian National University (ANU) in Canberra.

Venue on ANU Maps: <https://www.anu.edu.au/maps#show=108132>

Getting to Canberra

Canberra is 300km SW of Sydney: 3-4 hours by bus or car.

The major airline connections are Qantas (www.qantas.com) and Virgin (www.virginaustralia.com).

On - Campus Accommodation Suggestions

- University House
<http://unihouse.anu.edu.au/>
- Brian Lewis Court & Liversidge Court
<https://services.anu.edu.au/campus-environment/short-stays>
- Judith Wright Court
<https://services.anu.edu.au/campus-environment/short-stays>

Off - Campus Accommodation Suggestions

- Peppers Gallery Hotel (650m walking distance)
<https://www.peppers.com.au/gallery/>
- Ovolo Nishi Hotel (750m walking distance)
<https://ovolohotels.com.au/ovolonishi>
- Novotel (600m walking distance)
<http://novotelcanberra.com.au/>
- Alternative Options
<http://www.anu.edu.au/study/accommodation/accommodation-alternatives>

Catering

Morning and afternoon teas, lunches and networking canapes are included in the SoERC registration fees.

The conference dinner will commence at 7:30pm on Wednesday 3 July 2019 (SoERC Day 1) at the Kambri Precinct at ANU. The dinner is included in the SoERC Full Package. But it needs to be paid for separately if you have not purchased the full conference package.

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Conference Day 1 (Wednesday 3 July)

CC – Cultural Centre TB – Teaching Building

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|----------|-------------------|--|--|--|----------------------------------|-----------------------|
| 8.00 am | CC Foyer | Registrations | | | | |
| 8.30 am | CC Cinema Theatre | Opening plenary address | Sarah McNamara Chief Executive, Australian Energy Council | | | |
| 9.00 am | | Plenary presentation and discussion panel | Renewable Electricity Generation by Martin Green, the University of New South Wales | | | |
| 10.00 am | | | Energy Storage by Maria Forsyth, Deakin University | | | |
| 11.00 am | CC Foyer | Morning tea & Poster viewing | | | | |
| 11.30 am | TB Level 5 | Parallel keynote talks | Solar | Batteries | Energy Economics and Finance | Transitional Policy |
| | | Speaker 1 | Kylie Catchpole, ANU | Maria Skyllas-Kazacos, UNSW | Christian Downie, ANU | Paul Stanwix, UWA |
| | | Speaker 2 | Doojin Vak, CSIRO | Alexey Glushenkov, ANU | Paul Dowling, CEFC | Sara Bice, ANU |
| | | Speaker 3 | Gus Nathan, UofA | Andrew MacKenzie, Envirostream | Gordon Leslie, Monash University | John Wiseman, UoM |
| 12.30 pm | CC Foyer | Lunch & Poster viewing | | | | |
| 1.30 pm | CC Cinema Theatre | Industry panel discussion | The Future Role of Energy Storage Cameron Potter (Hydro Tasmania), Damien Sanford (AEMO), Leeanne Bond (Snowy 2.0), Ken Tregonning (Emergent Technologies Resources) & Thomas Maschmeyer (University of Sydney) | | | |
| 2.30 pm | | Plenary presentation and discussion panel | Energy Usage and Demand Response by Chris Dunstan, the University of Technology, Sydney | | | |
| 3.30 pm | CC Foyer | Afternoon tea & Poster viewing | | | | |
| 4:00 pm | CC Cinema Theatre | Plenary presentation and discussion panel | Energy Systems by Lachlan Blackhall, The Australian National University | | | |
| 5.00 pm | TB Level 5 | Parallel keynote talks | Wind and other | Pumped hydro and Hydrogen technologies | Climate and Energy Policy | Grid Integration |
| | | Speaker 1 | Keith Ayotte, Windlab | Andrew Blakers, ANU | Frank Jotzo, ANU | Elizabeth Ratnam, ANU |
| | | Speaker 2 | Adi Paterson, ANSTO | Fiona Beck, ANU | Heather Lovell, UTas | Iain MacGill, UNSW |
| | | Speaker 3 | Matt Stocks, ANU | Mark Paskevicius, Curtin University | Tony Wood, Grattan Institute | Gregor Verbic, USyd |
| 6.00 pm | CC Foyer | Networking and Poster session | | | | |
| 7.30 pm | TB Superfloor | Conference Dinner (Guest Speaker: Andreas Loeschel, Director at the University of Münster) | | | | |

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|----------|-------------------|---|---|----------------------|--------------------------------|--------------------------|
| 8.30 am | CC Cinema Theatre | Opening plenary address | Drew Clarke Chair, AEMO | | | |
| 9.00 am | | Plenary presentation and discussion panel | Energy Economics & Policy by Ross Garnaut, University of Melburne | | | |
| 10.00 am | | | Energy Regulation & Governance by Bruce Mountain, Victoria University | | | |
| 11.00 am | CC Foyer | Morning tea & Poster viewing | | | | |
| 11.30 am | TB Level 5 | Parallel keynote talks | Efficiency and Usage | NEM Redesign | EVs & Fuel Cell Vehicles | Optimisation |
| | | Speaker 1 | Leslie Martin, UoM | Tim Nelson, AEMC | David Viano, CSIRO | Maria Vrakopoulou, UoM |
| | | Speaker 2 | Sarea Coates, DoEE | Iain MacGill, UNSW | Llewelyn Hughes, ANU | Nando Ochoa, UoM |
| | | Speaker 3 | Sangeetha Chandra-Shekeran, UoM | Alex Wonhas, AEMO | Jake Whitehead, UQ | Ian Hiskens, UMichigan |
| 12.30 pm | CC Cinema Theatre | Women in Energy Lunch Speaker | Kate O’ Carroll Ausnet Services | | | |
| 1.30 pm | | Plenary presentation and discussion panel | Transport and Industrial Energy by Michael Brear, The University of Melbourne | | | |
| 2.30 pm | | | Fossil Fuels by Peta Ashworth, The University of Queensland | | | |
| 3.30 pm | CC Foyer | Afternoon tea & Poster viewing | | | | |
| 4.00 pm | TB Level 5 | Parallel keynote talks | Demand Response | Gas Markets | Renewable Fuels | Carbon Capture & Storage |
| | | Speaker 1 | Gerard Ledwich, QUT | Justine Lacey, CSIRO | Thomas Maschmeyer, USyd | Ralf Haese, UoM |
| | | Speaker 2 | Yolande Strengers, Monash University | Xunpeng Shi, UTS | Yun Liu, ANU | Anna Herring, ANU |
| | | Speaker 3 | Phillippa Watson, U Tas | Ross Lambie, DoEE | Chun-Zhu Li, Curtin University | Linda Stalker, CSIRO |
| 5.00 pm | CC Foyer | Networking session | | | | |
| 6.00 pm | | Conference Close | | | | |