Energy Change Institute (ECI) Open Day 2020

Monday 17 February, 9:00am–1:30pm, followed by Women in Energy Meeting and Renewable Energy tours
Room STB S1, Science Teaching Building, 136 Linnaeus Way, ANU

9:00–9:50am  State of the Institute  – Professor Ken Baldwin, Director, ECI
• Welcome to participants and stakeholders
• New initiatives
• Research themes
• Education programs: Dr James Prest, Co-convenor Masters of Energy Change (MEnCh)
• Industry Engagement: Dr Igor Skryabin, Business Development Manager
• Outreach and Public Policy: Professor Ken Baldwin, Director, ECI

9:50–10.10 am  Keynote Presentation
A research plan for Australia’s energy transition, Drew Clarke AO PSM – Board Chairman, Australian Energy Market Operator (AEMO).

10:10–10.30am  Keynote Presentation
Darren Miller - CEO, Australian Renewable Energy Agency (ARENA)

10:30–11:00am  Morning tea
11:00–11:55am  External engagement

Collaboration Agreement Announcement: ANU, ECI and Global Power Generation (GPG) Australia

ECI Grand Challenge: Zero-carbon energy for the Asia-Pacific, Dr Emma Aisbett ECI and School of Regulation and Global Governance (RegNet), CAP

Evoenergy Hydrogen Test Facility and ActewAGL Hydrogen Vehicle Refuelling Station, Bruce Hansen, Evoenergy and Mark Smeaton, ActewAGL

ActewAGL endowment grant finalists presentations

- Household energy use changes and their impact on ACT residential electricity demand, Dr Tom Longden, Grand Challenge Fellow, CAP and Professor Frank Jotzo, Crawford School of Public Policy, CAP
- Advanced Renewable Gas Research: Integrated Market and Technology Development, Dr James Prest, Lecturer ANU College of Law and Professor Wojciech Lipinski, Leader, ANU Solar Thermal Group, CECS
- Maximizing consumer ability to manage electricity demand, Dr Lee White, Research Fellow, CAP

11:55–12:35pm  Research Presentations

Future trends in structural materials, Professor Nick Birbilis, Deputy Dean, College of Engineering and Computer Science (CECS)

Solar Photovoltaics - recent advances in solar cell research, Dr Hieu Nguyen, Senior Research Fellow, CECS

Contested Justice: The Politics of Powering Up Last Miles in Eastern Indonesia, Hilman Fathoni, Master of Energy Change University Medal winner (by video)

Business Battles in the US Energy Sector: lessons for a clean energy transition, Dr Christian Downie, DECRA Fellow, School of Regulation and Global Governance (RegNet), CAP.

12:35–1:00pm  New ECI Members’ Research

Developing cooperative catalysts for hydrogen storage with liquid organic hydrogen carriers, Dr Annie Colebatch, Rita Cornforth Fellow, Research School of Chemistry, CoS

Underlying drivers and barriers for recent solar PV boom in Vietnam, Dr Thang Do, Research Fellow with the Grand Challenge, CAP

Beyond technical fixes: Climate finance and energy transitions in Indonesia, Dr Abidah Setyowati, Research Fellow, School of Regulation and Global Governance (RegNet), CAP

Dr Juan Felipe Torres Alvarez, Research Fellow, CECS

Dr Alexey Glushenkov, Research School of Chemistry and Research School of Engineering.

1:00–1:30pm  Lunch

1.30-2.30pm  Women in Energy Meeting (Marnie Shaw, convenor)

Evoenergy: why diversity is important to us, Fiona Wright, Acting General Manager, Evoenergy and ECI Advisory Board Member

1:30–3.30pm  ANU Energy Lab Tours (Dr Igor Skryabin)

Solar PV  Hydrogen generation  Big Dish/Solar thermal  Nuclear