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

Dr Fiona Beck and PhD student Astha Sharma

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

9:50–10.05 am Keynote Presentation
Andrew (Drew) Clarke AO PSM – Board Chairman, Australian Energy Market Operator (AEMO).

10:05–10.30am Keynote Presentation
(TBC)

10:30–11:00am Morning tea
11:00–11:50 am  External engagement

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 Ed Gaykema, 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

11:50–12:30 pm  Research Presentations

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.

12:30–1:00 pm  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

1:00–1:30 pm  Lunch

1:30-2.30pm  Women in Energy Meeting (Marnie Shaw, convenor)

(TBC)

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

- Solar PV
- Hydrogen generation
- Big Dish/Solar thermal
- Nuclear