Energy Change Institute (ECI) Open Day 2018

Tuesday 19 June, 9am–1:30pm, followed by Women in Energy – Inaugural Meeting and Renewable Energy tours
Room STB S1, Science Teaching Building (Building 136), 136 Linnaeus Way, ANU

9:00–10:00am  State of the Institute – Professor Ken Baldwin, Director, ECI

- Welcome to participants and stakeholders
- New initiatives
- Research themes
- Education programs: Dr James Prest
- Industry Engagement: Dr Igor Skryabin
- Outreach and Public Policy: Sarah Wilson and Professor Ken Baldwin
- Grand Challenge: Dr Emma Aisbett

10:00–10.30am  Keynote Presentation – Energy Storage in the People’s Grid, Dr Lachlan Blackhall, Entrepreneurial Fellow and Head, Battery Storage and Grid Integration Program, ANU

11:00–11:30am  Morning tea

11:30am–11:40pm External engagement

The Asian Renewable Energy Hub: 9GW of wind, solar and storage to export to Jakarta & Singapore and to help power the Pilbara, Andrew Dickson, CWP Renewables

11:40–12:00pm  Research Presentations

Hydrogen Technologies, Professor Kylie Catchpole, Research School of Engineering

Transformations in US energy markets, Dr Christian Downie, School of Regulation and Global Governance (REGNET)

12:00–12:50pm  New ECI Members’ Research

Geologic CO$_2$ Storage: Insights from Pore-Scale Experiments, Dr Anna Herring, Research School of Physics and Engineering

Probing the efficiency limitations of water splitting with tandems solar cells, Dr Fiona Beck, Research School of Engineering

Clean liquid fuels from biomass: Can concentrating solar thermal lead the way?, Dr Mahesh Venkataraman, Research School of Engineering

Surface and bandgap engineering of semiconductor materials for solar fuel generation, Dr Siva Karuturi, Research School of Engineering

Gas hydrate technology for thermal storage cooling applications, Dr Xiaolin (Shannon) Wang, Research School of Engineering

12:50–1:00pm  ECI Research Clusters gathering

1:00–1:30pm  Lunch

1:30–2:30pm  Women in Energy – Inaugural Meeting

1:30–3:30pm  ANU Energy Lab Tours

- Solar PV
- Hydrogen generation
- Big Dish/Solar thermal
- Fusion Laboratories