

DRAFT PROGRAM
International Conference for Energy Systems Integration
Infrastructure for an Integrated Energy System
NREL, Golden, Colorado, USA
December 5-6, 2017

Day 1: December 5, 2017

Opening Session

- *Introduction: Beth La Rose, GE, Conference Chair*
- *Welcome: Martin Keller, Director NREL*
- *Outline & Objectives: Mark O'Malley, Conference Scientific Chair*

Session 1: Sector coupling solutions to renewables integration

Chairs: IRENA & IEA

- Steve Chalk – DOE, USA
- Caixia Wang – SGCC, China
- Kevin Harrison – NREL, USA
- Ben Haley – Evolved Energy, USA

Session 2: The role of energy demand in an integrated energy system

Chairs: IEA and iiESI

- Tim Unruh – DOE, USA
- Goran Strbac – Imperial College, UK
- Jochim Seel – Lawrence Berkley Natl. Lab, USA
- Linda Steg – Groningen University, Netherlands
- William D'Haeseleer – KU Leuven, Belgium

Poster Session & Reception

Chairs: EERA & IRENA

This will feature students from Imperial College London, Tshingua University, KU Leuven, University College Dublin, Denmark Technical Univeristy and more.

Day 2: December 6, 2017

Session 3: Electrification: The Good, The Bad & The Ugly

Chairs: JRC & iiESI

- Stephen Beuning – Xcel Energy USA
- Bob Ethier – New England ISO, USA
- Tom Wilson – EPRI, USA
- Nick Miller – GE, USA
- Gretchen Bakke – University of Montreal, Canada

Session 4: Infrastructure investment for resilience: How do we improve?

Chairs: CESI

- Muireann Lynch – ESRI, Ireland
- Jim McCalley – Iowa State University, USA
- Jim Watson – UKERC, UK
- David Brayshaw – Reading University, UK
- Caitlin Durkovich – Toffler Associates, USA