

## IEA ETSAP Workshop on Energy Modelling and Applications

Wednesday, December 14, 2016, 9:00am-16:15pm

Ito International Research Center 3<sup>rd</sup> Floor, Conference Room (特別会議室),  
Hongo Campus, The University of Tokyo

Hosted by Resilience Engineering Research Center (RERC), The University of Tokyo  
(Prof. Yasumasa Fujii, University of Tokyo & Prof. Ryoichi Komiyama, University of Tokyo)

This workshop marks the re-engagement of Japan with IEA-ETSAP, the International Energy Agency Technology Collaboration Programme on energy systems modelling. It brings together IEA ETSAP energy systems modelling experts from University College Cork and E4SMA together with Japanese energy modelling experts from the University of Tokyo, the Institute of Energy Economics Japan (IEEJ), National Institute for Environmental Studies (NIES) and Central Research Institute of Electric Power Industry (CRIEPI) to discuss energy systems modelling techniques and applications.

### Draft Agenda

09:00-09:05	Opening Address - Prof. Yasumasa FUJII, University of Tokyo
09:05-09:30	IEA-ETSAP Technology Collaboration Programme - Ireland's experience Prof. Brian Ó Gallachóir, Chair IEA ETSAP and University College Cork
09:30-09:55	Pragmatic approach towards climate change - a long-term analysis using an integrated assessment model Dr. Ryo ETO, Institute of Energy Economics, Japan (IEEJ)
09:55-10:20	Dealing with Complexity and Uncertainty in Integrated Energy System Models Dr. Paul Deane, University College Cork
<i>Break (10:20-10:30)</i>	
10:30-10:55	Socio-economic drivers in SSP2 and future challenges of 1.5 degree target Dr. Jing-Yu LIU, National Institute for Environmental Studies (NIES)
10:55-11:20	Modelling investment in RD&D - will Mission Innovation make a difference? Dr. Fionn Rogan, University College Cork
11:20-11:45	Exploring Japan's mid- and long-term mitigation pathways and challenges: A pilot model intercomparison study Dr. Masahiro SUGIYAMA, University of Tokyo
<i>Lunch (11:45-13:30)</i>	

13:30-13:55	Assessment of Global Nuclear Strategy with Optimal Nuclear Fuel Cycle Model Ms.Undarmaa Baatarkhuu, University of Tokyo
13:55-14:20	Bridging the gap between NDCs and Paris ambition: equitable finance for pathways well below 2C. Dr. James Glynn, University College Cork
14:20-14:45	Dr. Hiromi YAMAMOTO, Central Research Institute of Electric Power Industry (CRIEPI), TBD
<i>Coffee Break (14:45-14:55)</i>	
14:55-15:20	An integrated planning framework for the development of sustainable and resilient cities - the case of the InSMART project. Dr. Maurizio Gargiulo, E4SMA srl.
15:20-15:45	Integrated Assessment of Global Energy Outlook using a Regionally Disaggregated DNE21 Mr.Takeru Fukumori, University of Tokyo
15:45-16:10	Open Discussion
16:10-16:15	Closing Remark (Prof. Brian Ó Gallachóir, Chair IEA ETSAP and University College Cork)

*(Evening: Reception at Embassy of Ireland, invitation only)*

Map of Hongo Campus (Ito International Research Center)

<http://www.u-tokyo.ac.jp/ext01/iirc/en/access.html>

