



Ireland-Japan International Energy Modeling Workshop

Thursday, April 16, 2015, 9:00~16:35

Faculty of Engineering Building 2, Room 211, Hongo Campus, The University of Tokyo

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

This workshop focuses on development and use of energy modelling tools to inform policy decisions regarding energy security and climate mitigation. Japan and Ireland are similar in many ways – both islands with limited indigenous fossil fuel resources, comparable levels of GDP per capita, relatively high GHG emissions per capita, high import dependence and limited interconnection and great ambition to decarbonise energy use and improve energy security. In this workshop a range of modelling tools and their applications will be presented and discussed. This event aligns with the Joint Declaration between Ireland and Japan entitled “Partnership for Innovation and Growth” signed by both Prime Ministers in December 2013. It is supported by Science Foundation Ireland under the International Strategic Cooperation Awards Programme (ISCA) and by the Embassy of Ireland.

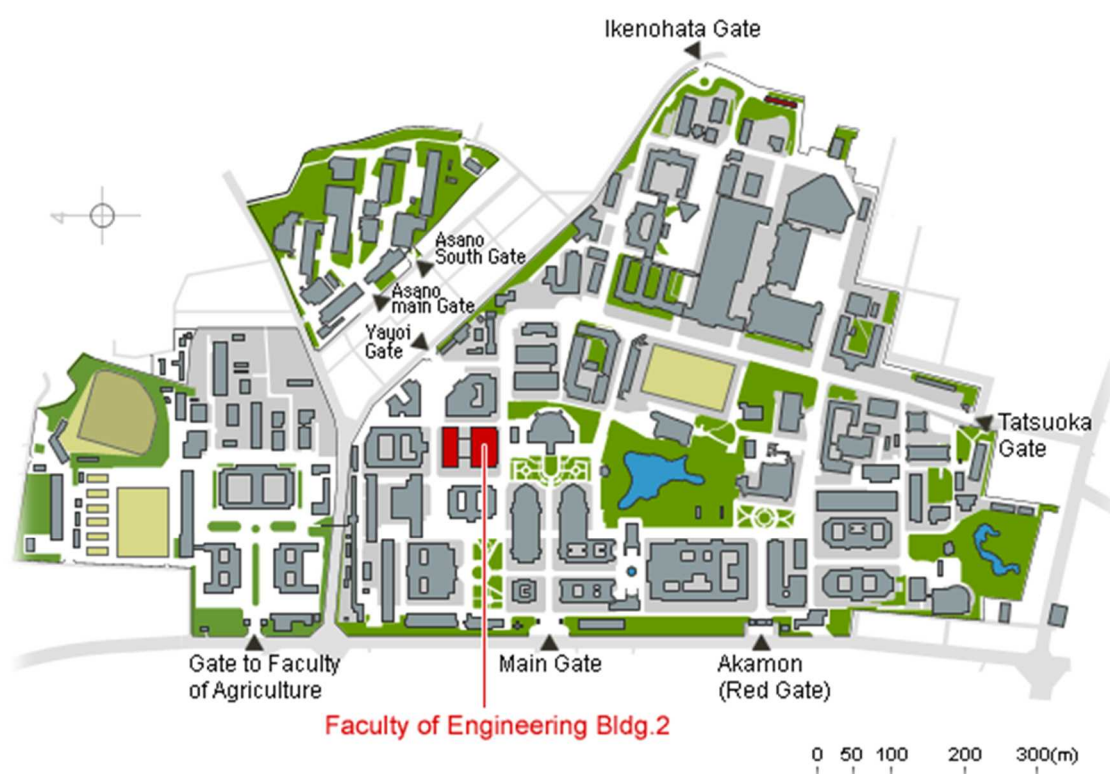
Draft Agenda

09:00-09:05	Opening Address – Prof. Yasumasa Fujii, University of Tokyo
09:05-09:30	Equitable Global 2 Degree 2050 Scenarios using ETSAP-TIAM-MSA – Mr. James Glynn, University College Cork
09:30-09:50	Assessment of Global Energy Strategy with DNE21 – Prof. Yasumasa Fujii, University of Tokyo
09:50-10:15	Using Irish TIMES to inform policy decisions – Dr. Brian Ó Gallachóir, University College Cork
<i>Break (10:15-10:25)</i>	
10:25-10:45	Sustainable Power Supply with OPGM model– Dr. Ryoichi Komiyama, University of Tokyo
10:45-11:10	Insights into electricity and gas system operation using PLEXOS – Dr. Paul Deane, University College Cork
11:10-11:30	Japanese MARKAL for an Analysis of Advanced Technology – Mr. Yasuaki Kawakami, Institute of Energy Economics Japan (IEEJ)
11:30-11:55	To build or not to build CCS? – Dr. Fionn Rogan, University College Cork
<i>Lunch Break (11:55-13:30, lunch on own)</i>	
13:30-13:50	Development of the BET model that is an Integrated Assessment Model including End-use Technologies – Dr. Hiromi Yamamoto, Central Research Institute of Electric Power Industry (CRIEPI)



13:50-14:10	Global Warming Strategies under Uncertainties - Some Messages of An Extended Integrated Assessment Model MARIA— Professor Shunsuke Mori, Tokyo University of Science
14:10-14:30	Asia/World Energy Outlook – Mr. Yuhji Matsuo, Institute of Energy Economics Japan (IEEJ)
14:30-14:50	Asia-Pacific Integrated Model and its application toward low carbon society – Dr. Toshihiko Masui, National Institute for Environmental Studies (NIES)
<i>Coffee Break (14:50-15:10)</i>	
15:10-15:30	Examination of an overshoot scenario using GRAPE model – Dr. Fengjun Duan, The Canon Institute for Global Studies (CIGS)
15:30-15:50	Japanese long term energy system analysis using TIMES-Japan, Dr. Atsushi Kurosawa, The Institute of Applied Energy (IAE)
15:50-16:10	Estimating the option value of solar radiation management under uncertain climate sensitivity – Dr. Yosuke Arino, Research Institute of Innovative Technology for the Earth (RITE)
16:10-16:30	Open Discussion
16:30-16:35	Closing Remark (Dr. Brian Ó Gallachóir, University College Cork)

Map of Hongo Campus (Faculty of Engineering Bldg.2)



Access to Hongo Campus, The University of Tokyo (See below)

<http://www.t.u-tokyo.ac.jp/etpage/access/>