



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

-MEMBRANE SCIENCE FOR GAS SEPARATION-
I²CNER INTERNATIONAL WORKSHOP
(CO₂ CAPTURE AND UTILIZATION DIVISION)

DATE: FRIDAY, FEBRUARY 3, 2017

TIME: 13:25-17:30

VENUE: SEMINAR ROOM 3105-3106, CENTER 3 BLDG.

Time	Speaker	Affiliation	Title
13:25-13:30	Prof. Shigenori Fujikawa	I ² CNER, Kyushu University	<Opening Remarks>
13:30-14:20	Dr. Benjamin V. Cunnig	Center for Multidimensional Carbon Materials, Institute for Basic Science	Graphene and related materials at the Center for Multi-Dimensional Carbon Materials
14:20-14:55	Prof. Yoshinori Tamai	University of Fukui	Effective transport of CO ₂ in a crystalline polymer membrane predicted by molecular dynamics simulation
14:55-15:30	Dr. Yusuke Hibi	Tokyo Institute of Technology	Fabrication of Asymmetric Permeable Membrane via Anisotropic Phase-segregation of Block Copolymers
15:30-15:50	Break		
15:50-16:25	Dr. Hidetaka Yamada	Research Institute of Innovative Technology for the Earth	A study of the chemical reactions involved in amine-based CO ₂ capture
16:25-16:55	Dr. Roman Selyanchyn	I ² CNER, Kyushu University	Thinning and metal oxide crosslinking for improvement of gas permeation through polydimethylsiloxane
16:55-17:25	Prof. Stephen Lyth	I ² CNER, Kyushu University	Novel Membrane Materials for Electrochemical Energy Conversion and Gas Separation
17:25-17:30	Prof. Ikuo Taniguchi	I ² CNER, Kyushu University	<Closing Remarks>