



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

– CO₂ MANAGEMENT IN ENERGY TRANSITION –
Transitions toward net-zero emissions energy systems
I²CNER INTERNATIONAL WORKSHOP
CO₂ CAPTURE AND UTILIZATION DIVISION & ENERGY ANALYSIS DIVISION

DATE: FRIDAY, JANUARY 31, 2020

TIME: 13:00 –17:45

VENUE: CONFERENCE ROOM 203, CENTER FOR CO-EVOLUTIONAL SOCIAL SYSTEMS

Time	Speaker	Affiliation	Title
13:00-13:10	Prof. Kenshi Itaoka	I ² CNER, Kyushu University	Opening Remarks CCUS and energy transition
13:10-13:45	Katsuhiro Yoshizawa	Kawasaki Heavy Industries	Development of an Adsorption Process for Energy-Saving CO ₂ Capture Utilizing Waste Heat
13:45-14:20	Dr. Eiji Kamio	Kobe University	Ionic Liquid-based Gel Membrane for CO ₂ Separation
14:20-14:45	Prof. Andrew Chapman	I ² CNER, Kyushu University	Impacts of CCS & hydrogen energy: world energy model
14:45-15:05	Coffee Break		
15:05-15:30	Dr. Hadi Farabi-Asl	Research Institute for Humanity and Nature	Impacts of CCS: domestic energy model
15:30-16:05	Hideo Kitamura	TOSHIBA Energy Systems & Solutions	CO ₂ Capture Technology Applicable to Various Emission Sources
16:05-16:40	Dr. Etsushi Kato	The Institute of Applied Energy	Transitions toward net-zero emissions energy systems
16:40-17:40	Guided discussion		
17:40-17:45	Prof. Ikuo Taniguchi	I ² CNER, Kyushu University	Closing Remarks