

2015

International Forum of Industry-Academic Cooperation and Technology
Commercialization on Carbon Reduction and Clean Coal Technology

Room 403, Taipei Nangang Exhibition Center, Taipei
October 14th, 2015

10:00 – 10:10

Opening Ceremony

Chair : Professor Wei-Chung Wang

Department of Power Mechanical Engineering, National Tsing Hua University

**Introduction of Carbon Reduction and Clean Coal Focus Center,
National Energy Program-Phase II**

Professor Chung-Sung Tan

Director, Carbon Reduction and Clean Coal Focus Center

Department of Chemical Engineering, National Tsing Hua University

Development of CO₂ Capture Technologies for Post-Combustion

Professor Young Ku

Department of Chemical Engineering,

National Taiwan University of Science and Technology

10:10 – 11:00

CO₂ Capture with Calcium Looping for the Cement Industry

Dr. Heng-Wen Hsu

Deputy Division Director, Green Energy and Environment Research Laboratories,
Industrial Technology Research Institute

**CO₂ Capture and Re-utilization via Microalgae Platform
Current Developments and Challenges**

Professor Jo-Shu Chang

Distinguished Professor, Department of Chemical Engineering,
National Cheng Kung University

Opportunities of CO₂ Geologic Storage in Taiwan

Dr. Shoung Ouyang

Green Energy and Environment Research Laboratories,
Industrial Technology Research Institute

Chair : Professor Sue-Min Chang

Institute of Environmental Engineering, National Chiao-Tung University

11:00 – 12:00

**A New Generation of Plant Factories - Activities of R&D Center in
Osaka Prefecture University (OPU)**

Professor Masakazu Anpo

Former Vice-President / Executive Director, Osaka Prefecture University
Japan

12:00 – 13:30

Lunch

Chair : Professor Bor-Kae Chang

Department of Chemical and Materials Engineering, National Central University

13:30 – 14:10

International Standardization of CCS

Dr. Yoshinori Aoki

Research Institute of Innovative Technology for the Earth (RITE)

Manager, International Standardization Team

Secretary of Japan Mirror Committee of ISO / TC265

Japan

14:10 – 14:30

Coffee Break

Chair : Professor Ruey-An Doong

Institute of Environmental Engineering, National Chiao-Tung University

14:30 – 15:30

CO₂ Capture Technology for CCS

Dr. Takayuki Higashii

Research Institute of Innovative Technology for the Earth (RITE)

Chief Researcher, Chemical Research Group

ISO / TC265 WG1 Convenor

Japan

15:30 – 16:00

Open Discussions

Organized by: Program Office of the Project: Internationally Innovative Collaboration and Industrialization on Carbon Reduction and Clean Coal Technology of the National Energy Program II

Sponsored by:  Ministry of Science and Technology

 **中華經濟研究院**
CHUNG-HUA INSTITUTE FOR ECONOMIC RESEARCH