

Room 108 Engineering Building I	
September 20 th (Tuesday), 2016	
9:00 – 9:30	Registration
9:30 – 9:50	Welcome Remarks: Mr. George Norris, Acting Deputy Directive, British Office; President Hsiao-Kan Ma, TCCSUA; Prof. Chung-Sung Tan, NTHU
9:50 – 10:50	Advancing CCS, an UK perspective Dr. John M. Andresen, Associate Professor and Reader in Chemical and Process Engineering, School of Engineering and Physical Sciences, Heriot Watt University Overview of Carbon Reduction and Clean Coal Focus Center in NEP-II Professor Chung-Sung Tan, Department of Chemical Engineering, National Tsing Hua University CO₂ Capture and Utilization - A Microalgae Platform Professor Jo-Shu Chang, Department of Chemical Engineering, Research Center for Energy Technology and Strategy, National Cheng Kung University
10:50 – 11:20	Coffee Break
11:20 – 12:20	Studies of Cement Quality from a Variety of Different CCS Processes Dr. Paul Fennell, Reader in Clean Energy, Faculty of Engineering, Department of Chemical Engineering, Imperial College London Development of Chemical Looping for CO₂ Capture and Hydrogen Produce Technologies in ITRI Dr. Heng-Wen Hsu, Green Energy and Environment Research Laboratories, Industrial Technology Research Institute CO₂ Adsorption in Metal-Organic Frameworks: Characterization through Computational Studies Assistant Professor Bor-Kae Chang, Department of Chemical and Materials Engineering, National Central University
12:20 - 13:50	Lunch
13:50 – 14:50	Thermochemical Cycles for Carbon Capture Dr. Stuart Scott, University Senior Lecturer in Sustainable Energy, Department of Engineering, Fellow of Girton College, University of Cambridge Combustion and Electrochemistry for Energy Conversion

	Professor Che-Wun Hong, Department of Power Mechanical Engineering, National Tsing Hua University 3. A Carbon-free Energy Carrier: Ammonia and Its Applications to Power Generation Professor Shenqyang (Steven) Shy, Department of Mechanical Engineering, National Central University 4. Status & Prospectus on the Development of Oxy-Combustion Technologies at NCKU Associate Professor Ming-Hsun Wu, Department of Mechanical Engineering, National Cheng Kung University
14:50 – 15:20	Coffee Break
15:20-16:20	1. CO₂ Storage: Current Status and Next Steps to Deployment Mr. Jonathan Pearce, Head of Carbon Storage Research at Natural Environment Research Council (NERC)-British Geological Survey (BGS) 2. Opportunity for Taiwan Carbon Storage Professor Andrew Tien-Shun Lin, Department of Earth Sciences, National Central University 3. Geological Sequestration of CO₂ in NW Taiwan: Potential and Perspectives Associate Professor Kenn-Ming Yang, Department of Earth Sciences, National Cheng Kung University 4. Challenges and Opportunities for Carbon Storage in Taiwan Dr. Chi-Wen Liao *and Dr. Shoung Ouyang[#] Natural Resources Technology Division, Green Energy and Environment Research Laboratories, Industrial Technology Research Institute*Manager[#]Division Director
16:30-17:40	Round Table Discussions
17:40-18:00	Wrap-up Meeting