



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

## 2022 I<sup>2</sup>CNER ANNUAL SYMPOSIUM: CARBON MANAGEMENT INCLUDING NEGATIVE EMISSION TECHNOLOGIES

TUESDAY, JANUARY 25, 2022, 9:00AM -12:30PM, VIRTUAL SYMPOSIUM

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- 9:00 a.m. Opening Remarks  
**Dr. Tatsuro Ishibashi**, *President, Kyushu University*  
**Mr. John C. Taylor**, *Principal Officer at the U.S. Consulate in Fukuoka*  
**Dr. Akira Ukawa**, *WPI Program Director*
- 9:25 a.m. Introduction  
**Prof. Petros Sofronis**, *Director, I<sup>2</sup>CNER, Kyushu University*
- 9:30 a.m. Invited Lecture A  
*“Carbon Management Projects in the Moonshot Goal 4”*  
**Dr. Kenji Yamaji**, *President and Director-General, Research Institute of Innovative Technology for the Earth (RITE)/ Program Director, Moonshot Research and Development Program/Moonshot Goal 4*
- 9:55 a.m. I<sup>2</sup>CNER Lecture  
*“Development of Global CO<sub>2</sub> Recycling Technology towards “Beyond-Zero” Emission”*  
**Prof. Shigenori Fujikawa**, *I<sup>2</sup>CNER, Kyushu University*
- 10:20 a.m. Invited Lecture B  
*“Energy for sustainability: Analysis with Inclusive Wealth”*  
**Prof. Shunsuke Managi**, *Distinguished Professor, Director of Urban Institute, Kyushu University*
- 11:00 a.m. Invited Lecture C  
*“Advancing CO<sub>2</sub> Electrolysis towards Application at Scale”*  
**Prof. Paul J. A. Kenis<sup>1</sup> and Emilian R. Cofell<sup>2</sup>**, *<sup>1</sup> Elio Eliakim Tarika Endowed Chair in Chemical Engineering, University of Illinois Urbana-Champaign (UIUC),  
<sup>2</sup> Material Science and Engineering, UIUC*
- 11:40 a.m. Invited Lecture D  
*“Electrochemical Separations for Energy and Sustainability”*  
**Prof. Xiao Su**, *Chemical and Biomolecular Engineering, UIUC*
- 12:10 p.m. Invited Lecture E  
*“Green CO & CO<sub>2</sub> Removal”*  
**Prof. Joydeep Dutta**, *Chair of Functional Materials at KTH Royal Institute of Technology, Stockholm \*pre-recorded*
- 12:30 p.m. Closing Remarks