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INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH  
I<sup>2</sup>CNER ANNUAL SYMPOSIUM  
~ COMPUTATIONAL SOLUTIONS TO FUNDAMENTAL PROBLEMS  
IN CARBON-NEUTRAL ENERGY RESEARCH ~  
FEBRUARY 1 - 2, 2016

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**DAY 1**

<b>WELCOME AND INTRODUCTION</b>	
8:30	<b>Prof. Masato Wakayama</b> , Executive Vice President, Kyushu University
	<b>Prof. Akira Ukawa</b> , Deputy Program Director, WPI Program
	<b>Prof. Petros Sofronis</b> , Director of I <sup>2</sup> CNER
<b>9:00 – 10:10 A.M.</b>	
<b>SUBTHEME 1 - MOLECULE/SURFACE INTERACTIONS</b>	
9:00	<b>Prof. Paul Kenis</b> , I <sup>2</sup> CNER, University of Illinois at Urbana-Champaign
9:20	<b>Prof. John Keith</b> , University of Pittsburgh
9:40	<b>Prof. John Kilner</b> , I <sup>2</sup> CNER, Imperial College London
<b>COFFEE BREAK, 10:10 – 10:30 A.M.</b>	
<b>10:30 – 12:30 P.M.</b>	
<b>SUBTHEME 2 - TRANSPORT OF IONS THROUGH SOLIDS AND HIGH TEMPERATURE MODELING</b>	
10:30	<b>Prof. Harry Tuller</b> , I <sup>2</sup> CNER, Massachusetts Institute of Technology
11:00	<b>Prof. Bilge Yildiz</b> , Massachusetts Institute of Technology
11:30	<b>Dr. Christodoulos Chatzichristodoulou</b> , Technical University of Denmark
12:00	<b>Prof. Anil Virkar</b> , The University of Utah
12:30	Group Photograph
<b>LUNCH, 12:30 – 2:00 P.M.</b>	
<b>2:00 – 4:30 P.M.</b>	
<b>SUBTHEME 3 - MOLECULE/MOLECULE INTERACTIONS-CHARGE TRANSFER AND CHEMICAL REACTION DYNAMICS</b>	
2:00	<b>Prof. Thomas Rauchfuss</b> , I <sup>2</sup> CNER, University of Illinois at Urbana-Champaign
2:30	<b>Prof. Seiji Ogo</b> , I <sup>2</sup> CNER, Kyushu University
3:00	<b>Prof. Luca De Gioia</b> , University of Milano-Bicocca
3:30	<b>Prof. Andrew Gewirth</b> , I <sup>2</sup> CNER, University of Illinois at Urbana-Champaign

4:00	<b>Prof. Kazunari Yoshizawa</b> , I <sup>2</sup> CNER, Kyushu University
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## **DAY 2**

<b>WELCOME AND INTRODUCTION</b>	
8:30	<b>Prof. Petros Sofronis</b> , Director of I <sup>2</sup> CNER
<b>8:45 – 10:15 A.M.</b>	
<b>SUBTHEME 4 - PORE-SCALE FLOW PROCESSES</b>	
8:45	<b>Prof. Michael Celia</b> , Princeton University (Video)
9:15	<b>Prof. Ken Christensen</b> , I <sup>2</sup> CNER, University of Notre Dame
9:45	<b>Prof. Takeshi Tsuji</b> , I <sup>2</sup> CNER, Kyushu University
<b>COFFEE BREAK, 10:15 – 10:45 A.M.</b>	
<b>10:45 – 12:15 P.M.</b>	
<b>SUBTHEME 5 - LINKING OF ATOMISTIC TO CONTINUUM SCALES</b>	
10:45	<b>Prof. Ian Robertson</b> , I <sup>2</sup> CNER, University of Wisconsin-Madison
11:15	<b>Prof. Jörg Neugebauer</b> , Max-Planck-Institut für Eisenforschung
11:45	<b>Dr. Brian Somerday</b> , I <sup>2</sup> CNER, Sandia National Laboratories
<b>WORKING LUNCH, 12:15 – 2:15 P.M.</b>	
<b>PRELIMINARY REPORTS FROM BREAK OUT GROUPS TO ALL PARTICIPANTS, 2:15 – 3:30 P.M.</b>	
<b>FOCUS GROUPS RECONVENE, 3:30 – 4:15 P.M.</b>	
<b>CLOSING, 4:15 – 5:30 P.M.</b>	

**RECEPTION & POSTER SESSION, 5:30 – 7:00 P.M.**