



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

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**JSPS CORE-TO-CORE PROGRAM**  
**-SOLID OXIDE INTERFACES FOR FASTER ION TRANSPORT-**  
**SOIFIT, THE FINAL SEMINAR**

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**DATE: FRIDAY, FEBRUARY 3RD, 2023**

**TIME: 1:00 PM – 5:10PM (JST)**

**VENUE: I²CNER HALL/HYBRID, ITO CAMPUS, KYUSHU UNIVERSITY**

Time	Speaker	Affiliation	Title
<b>1:00 p.m.</b>	John Kilner	Imperial College London	Opening Remarks
<b>1:10 p.m.</b>	Stephen Skinner	Imperial College London	Enhancing the ionic transport in scheelite structured electrolytes
<b>1:40 p.m.</b>	Thomas Lippert	Paul Scherrer Institute	Thin films by pulsed laser deposition as model systems for studies on energy materials
<b>2:10 p.m.</b>	Harry Tuller	Massachusetts Institute of Technology	Reversing cathode poisoning in solid oxide fuel cells by controlled surface acidity
<b>2:40 p.m.</b>	Kulbir Ghuman	Institut national de recherche scientifique	Understanding the role of interfaces and grain boundaries present in SOFC electrolytes
<b>3:10 p.m.</b>	Coffee Break		
<b>3:40 p.m.</b>	Tatsumi Ishihara	I²CNER, Kyushu University	Interface between SrO and Co <sub>3</sub> O <sub>4</sub> for oxygen dissociation
<b>4:00 p.m.</b>	Masatomo Yashima	Tokyo Institute of Technology	Search for High Ionic Conductors and their Mechanism
<b>4:20 p.m.</b>	Ainara Aguadero	Imperial College London	Importance of wetting to improve the performance of all-solid state batteries
<b>4:40 p.m.</b>	Aleksandra Mielewczyk-Gryń	Gdańsk University of Technology	Complex properties of barium lanthanide cobalites
<b>5:00 p.m.</b>	Hiroshige Matsumoto	I²CNER, Kyushu University	Closing Remarks
<b>6:00 p.m.</b>	Reception ( <i>*invitees only</i> )		