



## 3<sup>rd</sup> Quarterly SOIFIT Workshop

Venue: I2CNER, Hall, Kyushu University

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Time		Schedule		
10	00	Opening remark: Introduction to the EPSRC Core-to-Core project on Solid Oxide Interfaces for Faster Ion Transport (SOIFIT) <b>John Kilner</b> (Imperial College of London, UK)		
	20			
	20	Chair: Hiroshige Matsumoto	Development of Metal-Supported SOFC toward Durable, Highly Efficient and Cost-effective Electrochemical Energy Conversion Systems (Keynote Lecture) <b>Noriko Sata</b> (Deutsches Zentrum für Luft- und Raumfahrt, Germany)	
30	Hydrogen solubility and diffusivity in protonic conductors using tritium imaging plate technique <b>Kenichi Hashizume</b> (Faculty of Engineering Sciences, Kyushu University)			
11	00	Chair: Hiroshige Matsumoto	Hydrogen solubility and diffusivity in protonic conductors using tritium imaging plate technique <b>Kenichi Hashizume</b> (Faculty of Engineering Sciences, Kyushu University)	
	59		Lunch	
12	00	Lunch		
	59			
13	00	Chair: John Kilner	Catalytic membrane reactors based on proton conducting oxides (Keynote Lecture) <b>Jose Serra</b> (Instituto de Tecnología Química, Universitat Politècnica de València, Spain)	
	59		TEM observation of grain boundary <b>Junko Matsuda</b> (I <sup>2</sup> CNER, Kyushu University)	
14	00	Tea and Coffee Break		
	40			
15	00	Chair: Tatsumi Ishihara	Investigating surfaces and interfaces in electroceramic materials <b>Stephen Skinner</b> (Imperial College London, UK)	
	40		"Oxide Surface Protonics: Proton Activity on Hydrated Oxide Surface" <b>Shu Yamaguchi</b> (University of Tokyo, Japan)	
16	20	Closing remark <b>Tatsumi Ishihara</b>		
30				
17	00	Reception and Networking at Suginoya		
	00			
19	00			