

# *WPI has come to E-MRS again!*

The World Premier International Research Center Initiative (WPI) was launched by the Japanese government to create globally visible and internationally open research centers in Japan. While assembling groups of world-class researchers and advancing their research initiatives, WPI centers also train talented researchers for an active role in the global scientific community. Four of the nine WPI centers are engaged in materials-related research:

Advanced Institute for Materials Research (AIMR), Tohoku University  
International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science  
Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University  
International Institute for Carbon-Neutral Energy Research (I<sup>2</sup>CNER), Kyushu University

## Symposium HH organized by the WPI centers in **Japan**

Function-assembly of nano-materials towards electronics,  
energy and biological applications

We look forward to your participation.

**TUESDAY MAY 3**  
**16:00-**  
Poster Session

**WEDNESDAY MAY 4**  
**8:30-16:00**  
WPI One-day Symposium



**Come together, Taste Japanese Products**

**Tuesday May 3 (18:00-19:00)**

**Reception at WPI booth (Exhibition booth Nr.23)**

*Please join us at the reception over Japanese food and drinks.*




Reception at the exhibition booth in 2014



# Presentations by the researchers from WPI centers

— AIMR — MANA  
— iCeMS — I<sup>2</sup>CNER  
(p) : Poster presentations

	2 (Mon)	3 (Tue)	4 (Wed)	5 (Thu)	6 (Fri)
<b>HH</b> Function-assembly of nano-materials towards electronics, energy and biological applications		Poster Session (10 presentations)  HH.P.1 (16:00-) E. Verveniots (p)	Oral Session (WPI One-day Symposium HH)  		<b>8:30- Introduction of WPI and Institutes</b> T. Kuroki (JSPS; WPI Program Director) <b>M. Aono</b> (Director, WPI-MANA) <b>M. Kotani</b> (Director, WPI-AIMR) <b>S. Kitagawa</b> (Director, WPI-iCeMS) <b>P. Sofronis</b> (Director, WPI-I <sup>2</sup> CNER)
<b>D</b> Solid state ionics: defect interactions and their influence on ionic and electronic transport	D.1.1 (13:40-) J.A. Kilner  D.1.2 (14:10-) A. Staykov	D.4.5 (11:50-) T. Ishihara  D.5.5 (15:10-) G.F. Harrington	D.6.1 (8:30-) K. Takada	D.P2.1 (16:30-) M. Kaviani (p)	<b>9:00- WPI One-day Symposium Session 1</b> HH1.1 S. Samukawa HH1.2 Andreas Züttel (EPFL) HH1.3 S. Orimo HH1.4 A. Fave (INSA-Lyon) HH1.5 S. Kitagawa HH1.6 E. Sivaniah HH1.7 R.A. Fischer (Technical Univ. Munich)
<b>I</b> Functional oxynitride films for sustainable development		I.5.1 (14:00-) T. Ishihara			<b>13:00- WPI One-day Symposium Session 2</b> HH2.1 A. Staykov HH2.2 T. Fujigaya HH2.3 S. Sanchez-Paradinas (Leibniz Univ. Hannover) HH2.4 K. Tsuzaki (Kyushu Univ.) HH2.5 T. Miyazaki HH2.6 M. Osada HH2.7 K. Terabe HH2.8 V.Q. Nguyen (ITODYS)
<b>M</b> Silicon compatible materials and integrated devices for photonics and optical sensing		M.III.4 (14:30-) A. Higo			
<b>O</b> Group IV semiconductors at the nanoscale - towards applications in photonics, electronics and life sciences				O.11.2 (11:00-) E. Verveniots	
<b>P</b> Carbon materials: surface chemistry and biomedical applications II		P.2.3 (11:45-) K. Minami  P.3.1 (13:15-) Y. Harada			
<b>Q</b> Smart biointerfaces for functional biomaterials			Q.8.2 (11:30-) S. Salehi		
<b>R</b> Multifunctional nanostructures for diagnostic and therapeutic of diseases		R.04.5 (11:55-) M. Ebrahimi			
<b>BB</b> Defect-induced effects in nanomaterials	BB.1.1 (13:45-) A.L. Shluger	BB.P1.5 (17:30-) M. Kaviani (p)			
<b>CC</b> In situ studies of functional nano materials at large scale facilities: from model systems to applications				CC.O6.8 (18:15-) H.H.-M. Yeung	
<b>EE</b> Carbon-, or nitrogen-containing nanostructured thin films		EE.3.25 (16:00-) S. Ikeda (p)			

**Exhibitor workshop** Tuesday, May 3 (16:30-17:30) Japanese research excellence initiatives, WPI, and four WPI centers related to materials research.  
- Invitation to WPI booth and WPI one-day Symposium HH -  
presented by PR & Outreach staff members from WPI centers (Exhibition workshop place is located in the center of the exhibition area)