

# 2014 KIM-JIM symposium

October 23rd, Thursday, 2014

Venue: KANGWON LAND CONVENTION HOTEL HAM BAEK ROOM

	Speaker	Title	Affiliation	Time	Chair
Welcome address	KIM President		KIM	09:00-09:05	
Welcome address	JIM President		JIM	09:05-09:10	
Keynote lecture	Do-Yeon Kim	Eternal Neighbor Korea & Japan		09:10-09:40	
High resolution microscopy	Yuichi Ikuhara*	Atom-Resolved Characterization of Interfaces by Cs corrected STEM	University of Tokyo	09:40-10:05	Korea (Young-Woon Kim)
	Si-Young Choi	Enhanced Polarization by Mixing Polar and Nonpolar Phases in Piezoelectric Oxides	Korea Institute of Materials	10:05-10:30	
In-situ Microscopy	Takahito Ohmura	Dislocation motion and mechanical behavior of bcc metals investigated through TEM in-situ deformation	National Institute of Materials	10:30-10:55	
	Sang Ho Oh	Direct imaging of polarization-induced charges at epitaxial interfaces by electron holography	POSTECH	10:55-11:20	
Scanning Probe Microscopy	Yoshifumi Oshima	TEM-STM study of quantized gold contacts	Japan Advanced Institute of Science and Technology	11:20-11:45	
	Yunseok Kim	Exploring Material Properties based on Mechanical Response of Cantilever in Atomic Force Microscopy	Sungkyunkwan University	11:45-12:10	
Lunch					
Tomography/EBSD	Kenji Kaneko	Electron Tomography for Materials Science and Engineering	Kyushu University	13:30-13:55	Korea (Si-Young Choi)
	Dongik Kim	In-situ EBSD study on the recrystallization behavior of interstitial free steels	Korea Institute of Science and Technology	13:55-14:20	
Spectroscopy	Takahisa Yamamoto	Control of cation off-stoichiometry in SrTiO <sub>3</sub> solid thin films grown by PLD	Nagoya University	14:20-14:45	
	Miyong Kim	Probing spin states with electron energy-loss spectroscopy	Seoul National University	14:45-15:10	
Break					
Instrumentation	Naoya Shibata	Development and application of new STEM detector	University of Tokyo	15:20-15:45	Japan (Takahisa Yamamoto)
	Young-Woon Kim*	Development of nano-scale manipulator for In-situ experiment in TEM	Seoul National University	15:45-16:10	
Neutron scattering	Masatomo Yashima	Precise Structure Analysis of Ceramic Materials by Neutron Powder Diffraction	Tokyo Institute of Technology	16:10-16:35	
	Eunjoo Shin	Inhomogeneity analysis in metal alloys by small angle neutron scattering	Korea Atomic Energy Research Institute	16:35-17:00	

\* Organizers of KIM-JIM symposium