

Japanese Proposed Plan of Program of
14th Korea-Japan Meeting on Neutron Science Jan. 07 Ver.
 January 7-9, 2015 IQBRC, Tokai, Japan

January 7		Ibaraki Quantum Beam Research Center (IQBRC)	
Registration & Reception			
18:00	Registration @ IQBRC 2F Tokai Plaza Cafe		
19:00	Welcome Party		
	Reception with light meal, Self introductions		
January 8		Ibaraki Quantum Beam Research Center (IQBRC), J-PARC, JRR-3	
KJ2015 Meeting on Neutron Science Main Conference I			
9:00	Welcome Address & Introductory Talk of the 14th KJ meeting		
	Yujiro Ikeda (Director of J-PARC Center)		0:10
	Introduction of the 14th KJ meeting		0:10
	- Purpose of this meeting.		
	- Main Theme		
	Kenji Nakajima (J-PARC)		
9:20	KJ-Collaboration Session I		
	<i>Chair K: Sunkgyun Park (Pusan Nat'l Univ.), J: Kenji Nakajima (J-PARC)</i>		
	Overview of KJ collaboration (Korean side)		0:20
	Chang-Hee LEE (KAERI)		
	Overview of KJ collaboration (Japanese side)		0:20
	Yasuo Endoh (KEK)		
	Coffee & Tea Break 10:00-10:20 (Group Photo)		
KJ2015 Meeting on Neutron Science Main Conference II			
10:20	KJ-Collaboration Session II		
	<i>Chair K: Kwanwoo Shin (Sogang Univ.), J: Hiroyuki Kimura (Tohoku Univ.)</i>		
	Experience or Future Plan of Collaborations (K side) Science or Instruments		0:25
	QENS Studies on Dynamics of Biopolymers and Rubbers in Nanocomposites		
	Joon-Ho ROH (IBS)		
	Experience or Future Plan of Collaborations (J side) Science or Instruments		0:25
	Collaboration with HANARO on Structure Science and Single Crystal Diffractometer		
	Yukio Noda (Tohoku Univ./J-PARC/KEK/KAERI)		
	Experience or Future Plan of Collaborations (K side) Science or Instruments		0:25
	In-situ He-3 Neutron Spin Polarizers Based on Novel Compact Solenoid Coil and Magneto-static Cavity		
	Sungman LEE (KAERI)		
	Experience or Future Plan of Collaborations (J side) Science or Instruments		0:25
	Collaborative studies on Bio-D and Cold TAS		
	-Hydrogels that capture radioactive cesium in water-		
	Hiroshi Fukazawa (JAEA)		
12:00	Lunch Break 12:00-13:30	Business (Lunch) Meeting (closed) 12:00-15:00	
13:30	Poster Session		
	@Tokai Plaza Cafe with coffee and tea		
	Chair:		
	K: TBA		
	J: TBA		
15:00	Session Closed	Session Closed	
15:10	Tour to JRR-3 & J-PARC		
15:10	Bus will leave from IQBRC		
	JRR-3 guide hall 30 min.		
	MLF, J-PARC 40 min.		
17:00	Bus will return to IQBRC		
	Coffee & Tea Break		
17:15	Facility Reports	Chair: K: Jae-Ho Chung (Korea Univ.), J: S. Wakimoto (JAEA)	
	HANARO	Chang-Hee LEE (KAERI)	0:25
	J-PARC	Masatoshi Arai (J-PARC)	0:25
	JRR-3	Mitsuhiro Shibayama (ISSP, U. Tokyo)	0:25
18:30	Session Closed		
19:00	Banquet@Tokai Plaza Cafe		

KJ2015 Meeting on Neutron Science Main Conference II

9:30 Instruments, Software & Advanced Data Analysis

Chair K: Seung Wook Lee (Pusan Nat'l Univ.), J: Hideki Seto (KEK)

Instruments, Software & Advanced Data Analysis (Korean side) 0:25

New Performance Enhancement Options for 40M Small Angle Neutron Scattering Instrument at HANARO
Young-Soo HAN (KAERI)

Instruments, Software & Advanced Data Analysis (Japanese side) 0:25

What "math" can do for progress of crystal structure analysis?
Ryoko Oishi-Tomiyasu (KEK/JST-Presto)

Instruments, Software & Advanced Data Analysis (Japanese side) 0:25

Development of wave-function-based refinement software for single crystal X-ray diffraction
Terutoshi Sakakura (Tohoku Univ.)

Coffee & Tea Break 10:45-11:00

11:00 Industrial Applications

Chair K: Young-Soo Han (KAERI), J: Kentaro Suzuya (J-PARC)

Industrial Applications (Korean side) 0:25

Deformation Behavior of Wrought Magnesium Alloy: In-Situ Neutron Diffraction and Elastic-Viscoplastic Self-Consistent Modeling
Soo Yeol LEE (Chungnam Nat'l Univ.)

Industrial Applications (Japanese side) 0:25

Present status of Energy-Resolved Neutron Imaging System "RADEN" at J-PARC/MLF
Takenao Shinohara (J-PARC)

11:50 Lunch 11:50-13:30

13:30 Science I Hard Matter (Magnetism, Strongly Correlated Electron Systems)

We encourage young scientists, scientists doing complimentary use of multi quantum beams in following talks.

Chair K: Il-Kyoung Jeong (Pusan Nat'l Univ.), J: Takatsugu Masuda (Univ. of Tokyo)

Hard matter (Korean side) 0:25

Large orthorhombic distortions of ferrimagnetic spinel Mn_3O_4 by doped orbital degeneracy
Jae-Ho CHUNG (Korea Univ.)

Hard matter (Japanese side) 0:25

The observation of domain control by external fields in multiferroic manganese orthogermanate
Takashi Honda (KEK)

Hard matter (Korean side) 0:25

Bond Alternation-tuned Magnetic Phases in the Breathing Pyrochlore Lattice $LiACr_4O_8$ (A = Ga, In)
Sung-Dae JI (POSTECH/Max Planck)

Hard matter (Japanese side) 0:25

Overall magnetic excitation in overdoped $La_{2-x}Sr_xCuO_4$ studied by complementary use of neutron x-ray
Shuichi Wakimoto (JAEA)

Coffee & Tea Break 15:10-15:30

15:30 Science II Bio, Soft matter & Liquid

Chair K: Sung-Min Choi (KAERI), J: Hitoshi Endoh (KEK)

We encourage young scientists, scientists doing complimentary use of multi quantum beams in following talks.

Bio, Soft matter & Liquid (Korean side) 0:25

Particle Microstructure and Polymer Dynamics in Concentrated Polymer Solution
So-Youn KIM (UNIST)

Bio, Soft matter & Liquid (Japanese side) 0:25

Structure and Mechanical Properties of model polymer network
Kengo Nishi (ISSP, U. Tokyo)

Bio, Soft matter & Liquid (Korean side) 0:25

Phase behaviors of PS-Poly(octyl acrylate) and PS-Poly(hexyl acrylate) Diblock Copolymer Studied by TOF-SIMS, NR and SANS
Kwanwoo SHIN (Sogang Univ.)

Bio, Soft matter & Liquid (Japanese side) 0:25

Surfactant Molecules Behaving as Surface-Inactive Agents
Koichiro Sadakane (Ritsumeikan Univ.)

17:10 Closing Session