

Time table

	31-May	1-Jun	2-Jun	3-Jun	
9:00	Walking discussion (Fukuroda fall)	Registration	Keynote address	Session 8 Application II (Cultural heritage)	
9:30					Opening address
10:00		Session 1 Report of facilities	coffee break	coffee break	
10:30					
11:00					
11:30			Session 5 Constructing and future instruments	Session 9 Method IV (others)	
12:00				Closing	
12:30			Group photograph Lunch	Lunch	Lunch
14:30			Session 2 Method I (Bragg-edge)	Session 6 Application I (Bragg-edge)	MLF tour
15:00					
15:30		Session 3 Method II (Neutron resonance)	coffee break		
16:00		coffee break			
16:30					
17:00		Session 4 Detector and software development	Session 7 Method III (Polarized neutron)		
17:30					
18:00					
18:30					
19:30			Workshop dinner (GANKOYA)		

June 1st

9:30	-10:00	Registration	
10:00	-10:10	Opening address	T. Kai
10:10	-10:30	Status of J-PARC/MLF	M. Futakawa

Session 1: Report of facilities

Chair: Y. Kiyanagi

10:30	-11:00	Commissioning of RADEN - Status of the new pulsed neutron imaging instrument at J-PARC MLF -	T. Shinohara
11:00	-11:30	Recent Time-Of-Flight Neutron Radiography at the Spallation Neutron Source VULCAN and SNAP beam lines	H. Bilheux (A. S. Tremsin)
11:30	-12:00	Energy selection for neutron imaging at stationary sources, options at PSI and obtained results	E. H. Lehmann
12:00	-12:30	Recent Activities on Pulsed Neutron Imaging in Hokkaido University	H. Sato

Group photograph

Lunch

Session 2: Method I (Bragg-edge)

Chair: W. Kockelmann

14:30	-15:00	Benefits of neutron based Bragg edge and diffraction imaging for engineering materials: present and future	R. Woracek
15:00	-15:30	Feasibility study of temperature measurement by use of diffraction and Bragg-edge technique	K. Oikawa

Session 3: Method II (Neutron Resonance)

Chair: J. D. Parker

15:30	-16:00	Neutron resonance absorption imaging for lithium ion battery	T. Kai
16:00	-16:30	Neutron Resonance Transmission Imaging for Powder Sample	H. Hasemi

Coffee break

Session 4: Detector and software Developments

Chair: T. Shinohara

16:45	-17:15	Energy Resolved and Dynamic Imaging at Pulsed and Continuous Neutron Sources	A. S. Tremsin
17:15	-17:45	Neutron imaging detectors of the Energy-Resolved Neutron Imaging System, RADEN at the J-PARC/MLF	J. D. Parker
17:45	-18:15	Using LiF crystals for high-performance neutron imaging with micron-scale resolution	A. Faenov
18:15	-18:45	Image-J Pulg-ins: New software for image processing and analysis	R. Nshimirimana

June 2nd

Keynote address

Chair: E. H. Lehmann

9:15	-10:15	Progress of device and application development of the pulsed neutron imaging in a KAKENHI project	Y. Kiyanagi
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Session 5: Constructing and future instruments

Chair: T. Kai

10:15	-10:45	Update on the IMAT project	W. Kockelmann
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Coffee break

11:00	-11:30	Status of Neutron Imaging Activities at ESS	M. Strobl
11:30	-12:00	Status of the ODIN Neutron Imaging project at ESS	B. Schillinger
12:00	-12:30	Bi-spectral extraction and transport system for the ODIN beamline at the European Spallation Source	M. Morgano

Lunch

Session 6: Application I (Bragg-edge)

Chair: K. Oikawa

14:30	-15:00	Strain in hybrid laser welded steel	D. S. Hussey
15:00	-15:30	In-Situ Observation of Solid Oxide Electrochemical Cells by means of Energy Resolved Neutron Imaging	M. G. Makowska
15:30	-16:00	Optimizing Single Crystal Growth for Detector Applications using Energy-resolved Neutron Imaging	S. C. Vogel

Coffee break

Session 7: Method III (Polarized Neutron)

Chair: N. Kardjilov

16:15	-16:45	Reconstruction of domain structures by means of polarized neutron tomography	W. Treimer
16:45	-17:15	Development of polarized pulsed neutron imaging technique for quantification of magnetic fields	H. Hayashida
17:15	-17:45	Towards Magnetic Vector-field Reconstruction through Polarimetric Neutron Imaging	H. Heimonen
17:45	-18:15	Spin-Echo Modulated Small Angle Neutron Scattering in Time-of-Flight Mode	M. Sales

19:30 Workshop dinner at GANKOYA

June 3rd

Session 8: Application II (Cultural Heritage)

Chair: B. Schillinger

9:15	-09:45	Study on crystallographic microstructure of traditional Japanese matchlock gun by pulsed neutron imaging	M. Tanaka
9:45	-10:15	Microstructural information mapping of Japanese sword by Bragg edge analysis of neutron transmission spectroscopy	Y. Shiota
10:15	-10:45	Microstructural characterization of two Japanese swords using white beam Neutron Tomography and Time of Flight Energy Resolved neutron imaging using the new BL-22 RADEN beamline at J-PARC MLF	F. Grazzi

Coffee break

Session 9: Method IV (Others)

Chair: Y. Saito

11:00	-11:30	The investigation of edge enhancement effects in the energy-selective mode and by means of dark-field imaging	E. H. Lehmann
11:30	-12:00	Evaluation of beam inhomogeneities/hardening effects for an imaging instrument on a neutron pulsed source	G. Burca
12:00		Closing	Y. Kiyanagi

13:30 MLF tour