

Future neutron sciences and possibilities on continuous neutron sources - US-Japan workshop

Agenda as of 08/27/2025

Event contact	Matthias Frontzek, 865-333-2613 (mobile); frontzekmd@ornl.gov Adam Aczel, aczela@ornl.gov	
Time	Event	Speaker
Tuesday, 09/23/2025, Bldg. 7995 Room 302B		
9:00 – 9:30am	Badging	All
9:30 – 9:45am	Welcome and overview	Jon Taylor – Neutron Scattering Division Director
9:45 – 10:15am	Current Status of HODACA Spectrometer and Recent Topics	Takatsugu Masuda
10:15 – 10:45am	Software development for TAS	Bing Li
10:45 – 11:00am	Break	All
11:00 - 11:15am	Summary of morning Talks	Matthias Frontzek
11:15 – 11:45am	High Pressure Developments	Yan Wu
11:45 – 12:15pm	Diffraction measurement of spin waves	Igor Zaliznyak
12:15 – 1:15pm	Working Lunch – Discussion on the future of TAS	All – Taku J. Sato, Mark Lumsden
Afternoon session chair: Adam Aczel		

Event contact	Matthias Frontzek, 865-333-2613 (mobile); frontzekmd@ornl.gov Adam Aczel, aczela@ornl.gov	
Time	Event	Speaker
Tuesday, 09/23/2025, Bldg. 7995 Room 302B		
1:15 – 1:45pm	Polarized neutron/SE/TAS	Chihiro Tabata
1:45 – 2:15pm	Polarization	Fankang Li
2:15 – 2:45pm	Catch-up time	
2:45 – 3:00pm	Coffee Break	All
3:00 – 3:15pm	Summary of the afternoon talks	Adam Aczel
3:15 – 3:45pm	ISSP Neutron Spin Echo Spectrometer, iNSE	Tatsuro Oda
3:45 – 4:00pm	Departing to SNS	All
4:00 – 5:00pm	Facility tour of SNS	All
5:00 – 7:00pm	Poster session on neutron scattering techniques and Working Dinner	All
7:00pm	Departing for hotel	All

Time	Event	Speaker
Wednesday, 09/24/2025, Bldg. 7995 Room 302B		
Morning session chair: Koji Kaneko		
9:00 – 9:30am	Detailed thermal neutron scattering cross-sections (Theory/Experiment)	Shinsuke Nakayama
9:30 – 10:00am	Sample Environment	Luke Heroux, Victor Fanelli, Josh Pierce
10:00 – 10:30am	Recent upgrade on SANS-J	Rintaro Nakabe
10:30 – 10:45am	Break	All
10:45 – 11:00am	Summary of the morning talks	Koji Kaneko
11:00 – 11:30am	Neutron Views of Soft Matter: GP-SANS Case Studies & Insights	Lilin He
11:30 – 12:00pm	Beyond AlphaFold: The Future Role of Experiments and Neutron Scattering in Structural Biology	Masaaki Sugiyama
12:00 – 1:00pm	Working Lunch: Developments for STS	All – Ken Herwig
Afternoon session chair: Takatsugu Masuda		
1:00 – 1:30pm	Neutron Imaging	James Torres
1:30 – 2:00pm	Diffractionmeter for Residual Stress, RESA	Yuki Shibayama
2:00 – 2:30pm	Neutron Optics – Monochromator development	Eleanor Clements
2:30 – 3:00pm	Present status and future plan of the triple-axis spectrometer GPTAS at JRR-3.	Taku J. Sato

MANAGED BY UT-BATTELLE LLC FOR THE US DEPARTMENT OF ENERGY

Time	Event	Speaker
Wednesday, 09/24/2025, Bldg. 7995 Room 302B		
3:00 – 3:30pm	Break and group photo in front of HFIR	All
3:30 – 4:30pm	Facilities tour: HFIR	All
4:30 – 5:00pm	Closing	All
5:00pm	Departing for hotel	All