

International Collaboration on Advanced Neutron Sources (ICANS XXIII)

Monday, 14 October 2019

Software: Data management - Meeting Room 7 (10:45 - 13:00)

-Conveners: Toshiya Otomo

time	[id] title	presenter
10:45	[86] IDAaaS: ISIS Data Analysis As A Service - The Story So Far	Dr EWINGS, Russell
11:15	[164] The European Open Science Cloud: Promoting Open Science, FAIRness and Accelerating Scientific Discovery	Dr MOORE, Lamar
11:40	[98] Scientific software developments at the European Spallation Source.	Prof. TAYLOR, Jonathan
12:05	[151] Data Management Discussion	Dr OTOMO, Toshiya

Software: Large Scale Structures Analysis - Meeting Room 7 (14:00 - 16:30)

-Conveners: Tobias Richter

time	[id] title	presenter
14:00	[165] SASVIEW – DATA ANALYSIS FOR SMALL ANGLE SCATTERING	JACKSON, Andrew
14:30	[33] Challenges for Grazing Incidence Neutron Scattering at Pulsed Sources: Beyond basic experiments and data analysis	Dr LAUTER, Valeria
14:55	[94] The small angle neutron scattering extension in MCNPX	Dr GRAMMER, Kyle
15:20	[186] Large Scale Structures Analysis Discussion	

Tuesday, 15 October 2019

Software: Experiment Control - Meeting Room 7 (10:30 - 13:00)

-Conveners: Andrew Jackson

time	[id] title	presenter
10:30	[166] Data acquisition at SNS and HFIR	HARTMAN, Steven
11:00	[167] Data Acquisition at ESS	Dr RICHTER, Tobias
11:50	[189] Experiment Control Discussion	

Software: Diffraction and Imaging Analysis - Meeting Room 7 (14:00 - 16:30)

-Conveners: Peter F. Peterson

time	[id] title	presenter
14:00	[168] Dissolve - Next generation software for the analysis of total scattering data	Dr YOUNGS, Tristan
14:30	[143] Jupyter Notebooks for Neutron Radiography Data Processing Analysis	BILHEUX, Jean
14:55	[153] Advances in event based data structures for neutron scattering experiments	Dr PETERSON, Peter F.
15:35	[81] A Novel Automated Optimized, 3-D Printed Collimator Design for High Pressure Scattering	ISLAM, Fahima
16:00	[169] Diffraction and Imaging Discussion	

Wednesday, 16 October 2019

Software: Data Processing - Meeting Room 7 (10:45 - 13:00)

-Conveners: Jonathan Taylor

time	[id] title	presenter
10:45	[170] Mantid: Building a framework to last	DRAPER, Nicholas
11:15	[171] Scipp: Scientific data handling with labeled multi-dimensional arrays for C++ and Python	Dr HEYBROCK, Simon
11:40	[99] Current status of the applications for a live data reduction method in MLF, J-PARC	Dr INAMURA, Yasuhiro
12:05	[194] Data Processing	

Thursday, 17 October 2019

Software: Monte Carlo Methods - Meeting Room 7 (10:30 - 13:00)

-Conveners: Ken Andersen

time	[id] title	presenter
10:30	[83] New developments in the McStas neutron Monte Carlo ray-tracing package	Dr BERTELSEN, Mads
11:00	[61] Detector rate estimate for the BIFROST instrument at ESS	KLAUSZ, Milán
11:25	[95] Non-static surfaces in MCNPX: the Chopper Extension	GRAMMER, Kyle
11:50	[41] Detailed Supermirror physics in MCNP6	MAGÁN ROMERO, Miguel
12:15	[54] Application of ADVANTG Variance Reduction Parameters for MCNP6 at ESS	Dr MILLER, Thomas
12:40	[198] Monte Carlo Discussion	

Software: Spectroscopy Analysis - Meeting Room 7 (14:00 - 16:30)

-Conveners: Garrett Granroth

time	[id] title	presenter
14:00	[145] Extract microscopic information of materials from Neutron Scattering data using a Machine Learning assisted approach.	SAMARAKOON, Anjana
14:30	[109] The LSWT engine SpinW and modeling ToF data	Dr WARD, Simon
14:55	[7] ICE-MAN and VirtuES, the Integrated Computational Environment-Modeling & Analysis for Neutrons at ORNL	Dr RAMIREZ-CUESTA, Timmy
15:20	[32] Super-resolution Inversion in Neutron Direct Geometry Time-of-flight Spectroscopy	LIN, Jiao
15:45	[112] User-friendly software for modeling collective spin wave excitations	HAHN, Steven
16:10	[173] Spectroscopy analysis software	