

ANSTO User Meeting 2021

Wednesday 24 November 2021

Instruments & Techniques (11:00-12:50)

-Conveners: Andrew Clulow

time	[id] title	presenter
11:00	[227] From Niche to Mainstream: Ptychography Comes of Age.	JONES, Michael
11:20	[206] How to take a perfect image with DINGO	GRIGOROVA, Vili
11:35	[213] The Imaging and Medical Beamline is expanding	HAUSERMANN, Daniel
11:50	[146] Quantifying the x-ray dark-field signal in single-grid imaging	HOW, Ying Ying
12:05	[18] Total Scattering Measurements at the Australian Synchrotron Powder Diffraction Beamline: Capabilities and Limitations	Dr D'ANGELO, Anita
12:20	[99] Update on Polarised Neutron Capabilities at the Australian Centre for Neutron Scattering	MANNING, Andrew
12:35	[162] KOALA 2: Implications for magnetic structural and exotic studies	Dr PILTZ, Ross

Instruments & Techniques (14:00-15:00)

time	[id] title	presenter
14:00	[143] Precision Measurement of the Complex Fine Structure at the Australian Synchrotron	KIRK, Tony
14:15	[68] X-ray dark-field imaging without optics	Mr LEATHAM, Thomas
14:30	[22] refnx - The Next Generation of Reflectometry Analysis Software	NELSON, Andrew
14:45	[112] Micro-Computed Tomography (MCT) beamline at ANSTO/Australian Synchrotron: A progress report	STEVENSON, Andrew

Thursday 25 November 2021

Instruments & Techniques (10:45-12:20)

time	[id] title	presenter
10:45	[131] Small Angle Neutron Scattering Capability at ANSTO	WOOD, Kathleen
11:00	[175] New developments in neutron imaging at DINGO	Dr GARBE, Ulf
11:15	[90] A study of the intrinsic background from the Beryllium Filter Spectrometer on Taipan	Dr STAMPFL, Anton
11:30	[29] BioSAXS: The future of solution scattering at the Australian Synchrotron	Dr KAMMA-LORGER, Christina
11:45	[109] ACNS SAMPLE ENVIRONMENT UPDATE	WHITE, Rachel
12:00	[152] High-Resolution Macro ATR-FTIR Chemical Imaging Capability at Australian Synchrotron Infrared Microspectroscopy (IRM) Beamline	VONGSVIVUT, Jitraporn (Pimm)

Friday 26 November 2021

Instruments & Techniques (10:45-12:20)

time	[id] title	presenter
10:45	[232] The new external ion beam capability for testing of electronics suitable for harsh space radiation environments	Dr PERACCHI, Stefania
11:05	[76] Tomographic X-ray phase and attenuation extraction for a sample composed of unknown materials	ALLOO, Samantha
11:20	[30] High speed free-run ptychography at the Australian Synchrotron	KEWISH, Cameron
11:35	[110] Medium Energy Spectroscopy (MEX) - Sample environments and supporting infrastructure	LAMB, Krystina
11:50	[80] Medium Energy Spectroscopy (MEX) - Opportunities for Microspectroscopy	Dr JAMES, Simon Mr POCOCK, Simon
12:05	[34] Hot Commissioning and First User Experiments on the Spatz Neutron Reflectometer	LE BRUN, Anton

Instruments & Techniques (13:30-14:50)

time	[id] title	presenter
13:30	[132] The recent progress of polarized neutron scattering techniques at SIKA	YANO, Shinichiro
13:45	[106] MyD88 TIR domain higher-order assembly interactions revealed by serial femtosecond crystallography	DARMANIN, Connie Dr HUNTER, Mark
14:00	[184] The High Performance Macromolecular Crystallography (MX3) Beamline	ERIKSSON, Daniel