

Australasian Soft Matter Scattering Workshop 2017

Report of Contributions

Contribution ID: 0

Type: not specified

Welcome and an introduction to scattering

Monday, 6 February 2017 09:00 (30 minutes)

Primary author: Dr GARVEY, Chris (ANSTO)

Contribution ID: 1

Type: not specified

Small angle scattering analysis of nanostructure.

Monday, 6 February 2017 14:20 (1 hour)

Presenter: Dr PRESCOTT, Stuart (UNSW Chemical Engineering)

Contribution ID: 2

Type: not specified

Introduction to light scattering

Tuesday, 7 February 2017 09:00 (45 minutes)

Presenter: Prof. BRYANT, Gary (Centre for Molecular and Nanoscale Physics, School of Applied Sciences, RMIT University)

Contribution ID: 3

Type: not specified

Specular reflectivity as a probe of interfacial structure

Monday, 6 February 2017 11:55 (1 hour)

Presenter: Dr HOLT, Stephen (Australian Nuclear Science and Technology Organisation)

Contribution ID: 4

Type: not specified

Combined Rheological Methods: Rheo-SANS and Rheo-SALS

Tuesday, 7 February 2017 14:20 (30 minutes)

Presenter: Mr KUMAR, Ashish (MEP Instruments)

Contribution ID: 5

Type: not specified

Diffusing wave spectroscopy

Tuesday, 7 February 2017 10:15 (30 minutes)

Presenter: Prof. HEMAR, Yacine (University of Auckland)

Contribution ID: 6

Type: not specified

Reconstructing particle shape from small angle scattering

Monday, 6 February 2017 10:15 (40 minutes)

Presenter: Dr WHITTEN, Andrew (ANSTO)

Contribution ID: 7

Type: not specified

Quasi-elastic neutron scattering in soft-matter

Monday, 6 February 2017 13:35 (45 minutes)

Presenter: Dr DE SOUZA, Nicolas (ANSTO)

Contribution ID: 9

Type: not specified

Soft diffraction

Monday, 6 February 2017 15:40 (40 minutes)

Presenter: Dr GARVEY, Chris (ANSTO)

Contribution ID: 10

Type: not specified

Molecular dynamics simulations of lipid bilayers and their associated structures

Monday, 6 February 2017 16:20 (30 minutes)

Presenter: Dr POGER, David (University of Queensland)

Contribution ID: 11

Type: not specified

SANS as structural probe of self-assembled hydrogels

Tuesday, 7 February 2017 14:00 (20 minutes)

Presenter: Dr MARTIN, Adam (University of New South Wales)

Contribution ID: 12

Type: not specified

SAXS/WAXS beamline at the Australian Synchrotron

Tuesday, 7 February 2017 09:45 (30 minutes)

Presenter: MUDIE, Stephen (Australian Synchrotron)

Contribution ID: 13

Type: not specified

Malvern Zetasizer demonstration.

Tuesday, 7 February 2017 11:55 (45 minutes)

Contribution ID: 14

Type: not specified

An introduction to lab based SAXS measurements

Monday, 6 February 2017 09:30 (45 minutes)

Presenter: Dr DE FEITJER, Isja (SAXSLab)

Contribution ID: 15

Type: not specified

USANS at ACNS

Monday, 6 February 2017 11:15 (20 minutes)

Presenter: Dr REHM, Christine (ANSTO)

Contribution ID: 16

Type: not specified

Bilby, the time of flight SANS instrument at ACNS

Monday, 6 February 2017 16:50 (20 minutes)

Presenter: Dr WHITTEN, Andrew (ANSTO)

Contribution ID: 17

Type: not specified

Probing anomalous diffusion in frequency space

Tuesday, 7 February 2017 10:45 (20 minutes)

Presenter: Dr STACHURA, Slawomir (Curtin University)

Contribution ID: 19

Type: not specified

Characterising Lipid-based Drug Delivery Vehicles Using Small Angle Scattering

Monday, 6 February 2017 11:35 (20 minutes)

Presenter: Dr CLULOW, Andrew (Monash University)

Contribution ID: 20

Type: not specified

Modelling the structure of polymer brushes using neutron reflectometry

Tuesday, 7 February 2017 11:35 (20 minutes)

Presenter: Mr MURDOCH, Timothy (University of Newcastle)

Contribution ID: 21

Type: not specified

An introduction to responsive polymer brushes

Tuesday, 7 February 2017 11:25 (10 minutes)

Presenter: Mr HUMPHREYS, Ben (University of Newcastle)

Contribution ID: 22

Type: not specified

Latest innovations for polymer characterization

Tuesday, 7 February 2017 13:40 (20 minutes)

Presenter: Dr LEE, Fangyin (Xenocs)

Contribution ID: 23

Type: not specified

Monitoring structural evolution of betaine surfactant systems using SANS

Tuesday, 7 February 2017 14:50 (15 minutes)

Presenter: Mr MCCOY, Thomas (Monash University)

Contribution ID: 24

Type: not specified

Size Evolution of α -3-Peptide Self-Assembly

Tuesday, 7 February 2017 15:25 (10 minutes)

Presenter: Ms BUCHANAN, Claire (La Trobe University)

Contribution ID: 25

Type: not specified

Tour of neutron beam instruments

Wednesday, 8 February 2017 10:00 (1 hour)

Presenter: Prof. MCINTYRE, Garry (ANSTO)

Contribution ID: 26

Type: not specified

Probing structures of soft matter under confinement using neutron reflection

Tuesday, 7 February 2017 15:35 (20 minutes)

Presenter: Mr WEI, Zengyi (UNSW)

Contribution ID: 27

Type: not specified

Sample environments for soft matter

Thursday, 9 February 2017 13:30 (1 hour)

Presenter: Dr BOOTH, Norman (ANSTO)

Contribution ID: 28

Type: not specified

Protein deuteration as applicable to neutron scattering

Tuesday, 7 February 2017 15:55 (10 minutes)

Presenter: Dr REKAS, Agata (ANSTO)

Contribution ID: 29

Type: not specified

Probing phase of liquid crystalline particles using small-angle X-ray scattering

Tuesday, 7 February 2017 16:05 (15 minutes)

Presenter: Ms WANG, Haiqiao (UNSW)

Contribution ID: 30

Type: not specified

Close

Tuesday, 7 February 2017 16:20 (20 minutes)

Presenter: Dr GARVEY, Chris (ANSTO)

Contribution ID: 31

Type: not specified

Instrument set-up session

Wednesday, 8 February 2017 11:00 (1h 30m)

Contribution ID: 32

Type: not specified

Data reduction

Thursday, 9 February 2017 09:00 (1h 30m)

Contribution ID: 33

Type: not specified

Data analysis

Thursday, 9 February 2017 10:50 (1h 40m)

Contribution ID: 34

Type: not specified

Instrument rotations

Wednesday, 8 February 2017 13:30 (2 hours)

Contribution ID: 35

Type: not specified

Instrument rotations

Wednesday, 8 February 2017 15:50 (1 hour)

Contribution ID: 36

Type: not specified

Feedback session

Thursday, 9 February 2017 14:30 (1 hour)

Contribution ID: 37

Type: not specified

Close

Thursday, 9 February 2017 15:50 (30 minutes)