

Small Angle Scattering Workshop

SAS2020 – Day 1

Tuesday 8 December

Program	
9.30 – 10.00	Welcome address & general introduction to SAS Dr. Andrew Whitten ANSTO Australian Centre for Neutron Scattering
10.00 – 11.00	Scattering theory Dr. Stuart Prescott University of New South Wales
11.00 – 11.30	Morning Break
11.30 – 12.15	SAXS / BioSAXS instrumentation Dr. Christina Kamma-Lorger ANSTO Australian Synchrotron
12.15 – 13.00	SANS / USANS instrumentation Dr. Jitendra Mata ANSTO Australian Centre for Neutron Scattering
13.00 – 14.00	Lunch Break
14.00 – 14.30	Sample environment for SANS Dr. Norman Booth ANSTO Australian Centre for Neutron Scattering
14.30 – 15.00	Sample environment for SAXS Dr. Susi Seibt ANSTO Australian Synchrotron
15.00 – 15.30	Deuteration Dr. Anthony Duff ANSTO National Deuteration Facility
15.30 – 16.00	Afternoon Break
16.00 – 16.45	SAXS Data collection and reduction Dr. Stephen Mudie ANSTO Australian Synchrotron
16.45 – 17.30	SANS Data collection and reduction Dr. Anna Sokolova ANSTO Australian Centre for Neutron Scattering

*Please note all times quoted are Australian Eastern Daylight Time (AEDT)

ANSTO LOCATION

New Illawarra Road
Lucas Height NSW 2234
Australia

PHONE

+61 2 9717 9770

EMAIL

sas2020@ansto.gov.au

SOCIAL



WEBSITE

www.ansto.gov.au

Small Angle Scattering Workshop

SAS2020 – Day 2

Wednesday 9 December

Program	
9.30 – 10.30	Modelling Part I: Shape independent modelling Dr. Paul Fitzgerald University of Sydney
10.30 – 11.00	SAS Proposal writing TBC
11.00 – 11.30	Morning Break
11.30 – 12.15	Modelling Part II: Shape dependent modelling Dr. Kathleen Wood ANSTO Australian Centre for Neutron Scattering
12.15 – 12.45	Food and food colloids Prof. Elliot Gilbert ANSTO Australian Centre for Neutron Scattering
12.45 – 13.00	Beamline tour videos
13.00 – 14.00	Lunch Break
14.00 – 15.30	Practical Split Group
15.30 – 16.00	Afternoon Break
16.00 – 17.00	Practical continued Split Group
17.00 – 17.30	GI-SAS theory Dr. Eduardo Solano ALBA Synchrotron

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SAS2020 – Day 3

Thursday 10 December

Program	
9.30 – 10.30	Chemistry Prof. Namita Chowdhury RMIT
10.30 – 11.00	Structural Biology Dr. Cy Jeffries EMBL Hamburg
11.00 – 11.30	Morning Break
11.30 – 12.00	Membranes Dr. Khay Fong University of Newcastle
12.00 – 12.30	Biomaterials Dr. Katie Sizeland ANSTO Human Health
12.30 – 13.00	Applications of GI-SAS Prof. Chris McNeill Monash University
13.00 – 14.00	Lunch Break
14.00 – 14.30	Metals and magnetism Dr. Lester Barnsley ANSTO Australian Synchrotron
14.30 – 15.30	Practical Split Group
15.30 – 16.00	Afternoon Break
16.00 – 17.30	Practical continued Split Group

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