S4SAS Conference 2021
Final Programme

Please note all timings listed are in BST(UK time zone)

Day One: Wednesday 1st September: Morning Sessions

Time	Session	Speaker
09:00-09:10	Welcome & Overview	**Nick Terrill, Diamond Light Source**
09:10-10:00	**Plenary Talk 1: "Nanocrystal superlattice formation in real time"**	**Dr. Felix Lehmkühler, DESY, Hamburg, Germany**
10:00-10:10	Q&A	
10:10-10:35	**Contributing Talk 1: "SEC-SAXS and mass spectrometry studies on oligomerization of therapeutically relevant immunotoxins targeted at brain tumours"**	**Marcin Ziemniak, WPD Pharmaceuticals Sp. z o.o.**
10:35-10:40	Q&A	
10:40-10:55	Break	
10:55-11:20	**Contributing Talk 2: "FFSAS: inverting for free-form distributions of model parameters from polydisperse SAS data"**	**Kuangdai Leung, Scientific Computing Department, STFC**
11:20-11:25	Q&A	
11:25-11:50	**Contributing Talk 3: "In operando monitoring templated electrodeposition of Pt films with hexagonal pore structure by GISAXS"**	**Philipp Aldo Wieser, Graz University of Technology, Austria**
11:50-11:55	Q&A	
11:55-12:00	Break	
12:00-13:00	**Poster Session 1:** **Flash presentations for afternoon sessions, 3 min talk + 2 min Q&A**	**Order of presenters: Chris Charlesworth of Aerotech, Arron Bale, Tarun Babu Mangalarapu, Ruben Martinez-Buey, Christopher Prior, Nathan Cowieson, Juan J Vilatela, Shankar Dutt, Sam Burholt, Isabelle Boscaro-Clarke of ExPaNDS**

Day One: Wednesday 1st September: Afternoon Sessions		
Time	**Session**	**Speaker**
13:00 - 14:00	Break for Lunch	
14:00 - 15:00	Poster Session 1 Presentions (2 x 30 mins): Private breakout rooms discussing posters *Zoom Link provided via Meeting Mojo virtual platform*	
14:00 - 14:30	Poster Presenters 1-5 (1st Session)	**Breakout Room 1:** Chris Charlesworth, European Control Systems Engineer, Aerotech **Breakout Room 2:** Arron Bale, MoSMed CDT, Durham University **Breakout Room 3:** Tarun Babu Mangalarapu, Metallurgical and Materials Engineering Department, Indian Institute of Technology Madras **Breakout Room 4:** Rubén Martínez-Buey, University of Salamanca **Breakout Room 5:** Christopher Prior, Durham University
14:30 - 15:00	Poster Presenters 6-10 (2nd Session)	**Breakout Room 1:** Nathan Cowieson, Diamond Light Source **Breakout Room 2:** Juan J Vilatela, IMDEA Materials **Breakout Room 3:** Shankar Dutt, Australian National University **Breakout Room 4:** Sam Burholt, Diamond Light Source **Breakout Room 5:** Isabelle Boscaro-Clarke, Head of Communications & Engagement, ExPaNDS
15:00 - 15:15	Break	
15:00 -17:00	SPEED NETWORKING via Meeting Mojo virtual platform 1-2-1 Private Video Meetings with attendees	

Day Two: Thursday 2nd September: Morning Sessions		
Time	**Session**	**Speaker**
09:00-09:10	Welcome to Day 2 & Overview	**Andy Smith, Diamond Light Source**
09:10-09:35	**Contributing Talk 4: "Solution structure of the flexible multidomain protein follistatin"**	**Natalija Stepurko, University of Cambridge**
09:35-09:40	Q&A	
09:40-10:05	**Contributing Talk 5: "Seeds of imperfection rule the mesocrystalline disorder in natural anhydrite single crystals"**	**Tomasz Stawski, Federal Institute for Materials Research and Testing (BAM)**
10:05-10:10	Q&A	
10:10-10:25	Break	
10:25-10:50	**Contributing Talk 6: "The meticulous approach: fully traceable scattering data via a comprehensive lab methodology"**	**Brian Richard Pauw, Bundesanstalt für Materialforschung und -Prüfung, Berlin, Germany**
10:50-10:55	Q&A	
10:55-11:20	**Contributing Talk 7: "A Scattering Approach to Understanding Gel-to-Crystal Transitions in Supramolecular Gels"**	**Annela Seddon, University of Bristol**
11:20-11:25	Q&A	
11:25-11:50	**Contributing Talk 8: "Development of SAXS/WAXS to Investigate the Stability of Atherosclerotic Plaque"**	**Rebecca Mackley, University of Warwick**
11:50-11:55	Q&A	
11:55-12:00	Break	
12:00-13:00	**Poster Session 2:** **Flash presentations for afternoon sessions, 3 min talk + 2 min Q&A**	**Order of presenters: Lisa Glatt of Dectris, Joshua White, Marino Santos, Aaron Chambers, Han Yin, Sumea Klokic, Olga Matsarskaia, Danielle Winning, Andy Smith, Paul Wady**

Day Two: Thursday 2nd September: Afternoon Sessions		
Time	**Session**	**Speaker**
13:00 - 14:00	Break for Lunch	
14:00 - 15:00	Poster Session 2 Presentions (2 x 30 mins): Private breakout rooms discussing posters *Zoom Link provided via Meeting Mojo virtual platform*	
14:00 - 14:30	Poster Presenters 1-5 (1st Session)	**Breakout Room 1:** Lisa Glatt, Product Manager Specific Solutions, Dectris **Breakout Room 2:** Joshua White, University of Southampton, Diamond Light Source, ISIS neutron muon source **Breakout Room 3:** Marino Santos, UCIBIO, FCT-NOVA **Breakout Room 4:** Aaron Chambers, University of Birmingham **Breakout Room 5:** Han Yin, University of Bath
14:30 - 1500	Poster Presenters 6-10 (2nd Session)	**Breakout Room 1:** Sumea Klokic, Technical University Graz/ SAXS Beamline@ ELETTRA Synchrotron **Breakout Room 2:** Olga Matsarskaia, Institut Laue-Langevin, Grenoble, France **Breakout Room 3:** Danielle Winning, University College Dublin **Breakout Room 4:** Andy Smith, Diamond Light Source **Breakout Room 5:** Paul Wady, Diamond Light Source
15:00 - 15:15	Break	
15:00 -17:00	SPEED NETWORKING via Meeting Mojo virtual platform 1-2-1 Private Video Meetings with attendees	

Day Three: Friday 3rd September: Morning Sessions		
Time	**Session**	**Speaker**
09:00-09:10	Welcome to Day 3 & Overview	**Nathan Cowieson, Diamond Light Source**
09:10-09:35	**Contributing Talk 9: "Synthesis and Characterization of Gold Nanorods"**	**Cristiano Oliveira, INSTITUTE OF PHYSICS, UNIVERSITY OF SÃO PAULO**
09:35-09:40	Q&A	
09:40-10:05	**Contributing Talk 10: "In situ small-angle x-ray scattering studies of the synthesis of polymer/silica nanocomposite particles in aqueous solution: an application of component mass balance"**	**Guoxing Liao, The University of Sheffield**
10:05-10:10	Q&A	
10:10-10:25	Break	
10:25-10:50	**Contributing Talk 11: "Ion track etching of polymer membranes monitored by in situ small angle X-ray scattering"**	**Alexander Kiy, The Australian National University**
10:50-10:55	Q&A	
10:55-11:20	**Contributing Talk 12: "Picosecond pump-probe X-ray scattering at the Austrian SAXS beamline at the Elettra"**	**Denys Naumenko, Graz University of Technology**
11:20-11:25	Q&A	
11:25-11:40	Break	
11:40-12:30	**Plenary Talk 2: "Model-free 3D density reconstructions of soft matter using small angle scattering"**	**Dr. Thomas D. Grant, University at Buffalo, NY**
12:30-12:40	Q&A	
12:40-13:00	Poster Prize Announcement & Wrap Up	