

UK Small Angle Scattering User Meeting 2026

Rutherford Appleton
Laboratory
7th – 9th September 2026

Monday 7th June

10:30 - 12:00	Arrival, Registration and Coffee		Pickavance Lecture Theatre
12:00 - 13:00	Lunch		Diamond House
13:00 - 13:10	Welcome – Sarah Rogers ISIS Director		Pickavance Lecture Theatre
13:10 - 13:50	Plenary Talk:	Surfactants, solvents, self-assembly and shear - SAS on soft matter systems. Karen Edler Lund University	
13:50 - 14:15	Talk:	Generative AI for SAS: A Bicycle for the Mind, Not a Replacement for the Scientist - Pedro Leonidas Oseliero Filho - Materials Innovation Factory, University of Liverpool	
14:15 - 14:40	Talk:	Nanostructural origins of flow behaviour in polysaccharide-enhanced micellar polycrystal drug depots - Koduvayur Ananthanarayanan Ramya, ISIS	
14:40 - 15:10	Talk:	Neutron Scattering study of Polysaccharide Hydrogels with Magnetic-Piezoelectric Bi-Fillers - Vanessa Galván De Cos - BCMaterials	
15:10 - 15:30	Coffee Break and Poster Mounting		Diamond House Atrium
15:30 - 16:10	Invited Talk:	Operando scattering studies of ion insertion into hard carbon anodes for sodium-ion batteries, Phoebe Allan, University of Birmingham	Pickavance Lecture Theatre
16:10 - 16:35	Talk	Quantitative Structure-Property Relationships for Functional Material Design, Conner MacDonald, University of Glasgow	
16:35 - 17:00	Talk	Circular, Sustainable and Green Composites for Hydrogen Storage Ashwath Pazhani, University of Cumbria	
16:35 - 17:00	Talk:	Deconvolving Multi-Scale Structures with SESANS: Methodology and Application to Battery Electrodes, Stephanie Burg, University of Sheffield	
17:00 - 18:30		Group photograph followed by Poster Session – Drinks Reception	

Tuesday 8th September 2026

09:00 - 10:00	Coffee Break		Diamond House Atrium
10:00 - 10:40	Plenary Talk: Decoding Bacterial Architecture Using Neutron Scattering	<i>Andrew Parnell, University of Sheffield</i>	Pickavance Lecture Theatre
10:40 - 11:05	Talk: Crystalline morphology of a rapid stamp formed polyamide/glass fibre composite laminate component – insights from SAXS/WAXS	<i>Ellen L.Heeley, The Open University</i>	
11:05 - 11:30	Talk: Neutron scattering from magnetically aligned bicellar systems and membrane protein assemblies	<i>Boyan Bonev, University of Nottingham</i>	
11:30 - 12:00	Talk: Complementing Static Structures with SAXS and MD Simulations to Study the Dimerisation of the Matrix Protease mTLD	<i>Mark Becker, University of Manchester</i>	
12:00 - 13:00	Lunch Break		Diamond House Atrium
13:00 - 13:40	Plenary Talk: Move Carefully and Fix Things: introducing the thorough, modular data corrections suite “MoDaCor”	<i>Brian Pauw, BAM, Germany</i>	Pickavance Lecture Theatre
13:40 - 14:05	Talk: Survey of molecular modelling techniques for the fitting of SAXS-SANS data and AUC sedimentation coefficients	<i>Stephen J Perkins, University College London</i>	
14:05 - 14:30	Talk: Exploring SEC-SAXS: Structural Insights into Lipid and Inorganic Nanoparticles	<i>Barbara Gerbelli, Diamond light source, UK</i>	
14:30 - 15:10	Talk: SAS Analysis of Self-Assembly of Amphiphilic Statistical Copolymers in Aqueous Dispersions	<i>Oleksandr Mykhaylyk, University of Sheffield</i>	
15:10 - 15:40	Coffee Break		Pickavance Lecture Theatre
15:40 - 16:10	Talk: Overview of Sasview and Shapspyre and practicalities	<i>Dirk Honecker and James Douth, ISIS Pulsed Neutron Source, UK</i>	Pickavance Lecture Theatre
16:10 - 16:35	Talk: Small-Angle Scattering Studies of Self-Assembling Lipidated Biomolecules	<i>Ian Hamley, University of Reading</i>	
16:35 - 17:00	Talk: Updates on funding to Diamond and ISIS SAS instrument suites	<i>Robert Dalglish – ISIS Pulsed Neutron and Muon Facility, UK</i> <i>Tim Snow, Diamond, UK</i>	
17:00 - 19:30	Dinner		Diamond House Atrium

Wednesday 9th September 2025

09:15 - 10:00	Invited talk: Visualising the regulation of striated muscle contraction using SAXS	<i>Cameron Hill – Kings College London</i>	Pickavance Lecture Theatre
10:15 - 10:40	Talk: Unravelling precipitation kinetics in nanosteels using Small-Angle Neutron Scattering	<i>Zamran Khan – TU Delft, Netherlands</i>	
10:40 - 11:10	Talk: Neural Network-Accelerated Bayesian Inference for Rapid and Interpretable Small Angle X-Ray Scattering Data Analysis	<i>Kelvin Wong, University College London</i>	
11:10 - 12:00	Summary and closing remarks		Pickavance Lecture Theatre
12:00	Lunch Break		Diamond House