

ANSTO User Meeting 2021

Wednesday, 24 November 2021

Chemistry, Soft Matter & Crystallography (15:30 - 17:05)

time	[id] title	presenter
15:30	[229] Elucidating the Structures and Behaviour of Therapeutic Delivery Platforms with Non-interfering Techniques	BLENCOWE, Anton
15:50	[31] Quantifying the robustness of neutron reflectometry for analysing polymer brush structure	Dr NELSON, Andrew
16:05	[117] Multi-Scale Dynamic Study on The Amphiphilic Nanostructure of Protic Ionic Liquids	MIAO, Shurui
16:20	[35] Maximum flux: Using time-resolved neutron reflectometry to improve our understanding of surface-initiated polymerisation	GRESHAM, Isaac
16:35	[98] Elucidation of the electronic structure in lanthanoid-radical systems by inelastic neutron scattering	DUNSTAN, Maja
16:50	[160] Characterisation of Ionic Liquids and Their Ability to Stabilise Proteins	BROWN, Stuart

Friday, 26 November 2021

Chemistry, Soft Matter & Crystallography (10:45 - 12:20)

time	[id] title	presenter
10:45	[186] Molecular binding and exchange between model membranes and biologically relevant lipid assemblies	Prof. CÁRDENAS, Marité
11:05	[56] High viscosity injector effects on the phase behaviour of lipidic cubic phase	WELLS, Daniel
11:20	[81] Self-assembly of surfactants in protic ionic liquids	KADAOLUWA PATHIRANNAHALAGE, Sachini
11:35	[91] Deuterated Phospholipids to Study the Structure, Function and Dynamics of Membrane Proteins Using Neutron Scattering	YEPURI, Rao
11:50	[138] Investigating the interactions of monoolein liquid crystals with human microbiomes	Mr CAUKWELL, Jonathan
12:05	[149] How Do Ion Specific Effects Operate in Ionic Liquids?	Dr MARLOW, Joshua

Chemistry, Soft Matter & Crystallography (13:30 - 14:50)

Chemistry, Soft Matter & Crystallography (15:20 - 17:05)

time	[id] title	presenter
15:25	[113] SAXS investigation of protic ionic liquid-water mixtures, and their application to protein crystallisation	GREAVES, Tamar
15:40	[89] Stimuli Responsive Switchable Chemical Sensors	HUA, Carol
15:55	[140] Influencing lipid hydrolysis by minute molecular changes	SALVATI MANNI, Livia
16:10	[83] Insight into the Variations of ABO4 Structures: Combined Experimental and Computational Studies	MULLENS, Bryce
16:25	[82] Understanding Order and Correlation in Liquid Crystals by Fluctuation Scattering	BINNS, Jack
16:40	[101] Automation of liquid crystal phase analysis for SAXS	PAPORAKIS, Stefan