



## ECCo Live 2021 Programme 15<sup>th</sup> September 2021

Joining Details: *To be communicated to registrants via email*

Time	Event
13:00-13:05	Introduction to ECCo Live
13:05-13:55	<b>Plenary lecture:</b> Professor Vitaliy Khutoryanskiy, University of Reading <i>Thiolated silica nanoparticles as a fantastic model for biomedical applications</i>
	<b>Break</b>
14:05-14:20	William N. Sharratt, Imperial College <i>Specific Ion Effects in Carboxymethyl Cellulose Solutions: Phase Behaviour, Nanostructure, Frontal Solidification and Hydrogel Particles</i>
14:20-14:35	Clare R. Rees-Zimmerman, University of Cambridge <i>Fluxes in drying films: diffusiophoresis versus diffusion</i>
14:35-14:50	Priyanka Dey, Teesside University <i>Lego assemblies of plasmonic nano-gold for enhanced optical sensing</i>
	<b>Break</b>
15:00-15:15	Seyedarash Moshtaghibana, Loughborough University <i>Generation of magnetic porous Janus particles using microfluidic Lego device</i>
15:15-15:30	Ignaas S.M. Jimidar, Vrije Universiteit Brussel <i>Spatial Segregation of Microspherical Systems by Rubbing-Induced Triboelectrification on Fluorocarbon-Patterned Substrates</i>
15:30-15:45	Timothy J. Murdoch, Loughborough University <i>Understanding the non-monotonic influence of rheology modifier concentration on latex stratification</i>
	<b>Break</b>
15:55-16:10	Adnan Chakra, Loughborough University <i>Colloidal Particle Focusing and Sorting in Microchannels via Solute Concentration Gradients</i>
16:10-16:30	<b>RSC Journals presentation:</b> Catherine Hodges, Deputy Editor
16:30-17:00	Open discussion
17:00	<b>Close</b>



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Time	Event
09:00-09:05	Welcome
09:05-09:25	<b>Katharine Burr Blodgett Award winner:</b> Spyridon Varlas, University of Sheffield <i>Ring-Opening Metathesis Polymerization-Induced Self-Assembly (ROMPISA)</i>
09:25-09:40	Saffron J. Bryant, RMIT University <i>Cryopreservation of Mammalian Cells Using Protic Ionic Liquid Solutions</i>
09:40-09:55	Rebeca Fortes-Martín, Universität Potsdam <i>Hybrid Magnetite-Gold Nanostructures by Self-Assembly at the water-oil Interface of Reverse Microemulsions</i>
09:55-10:10	Calum T. J. Ferguson, Max Planck institute for Polymer Research. <i>Aerobic photobiocatalysis enabled by combining core-shell nanophotoreactors and native enzymes</i>
	<b>Break</b>
10:30-10:45	Indrani Chakraborty, Birla Institute of Technology and Science <i>Colloidal detectives: probing anomalous diffusion</i>
10:45-11:00	Francesco Boccardo, Université Lyon 1 - CNRS <i>Feedback control of cluster shapes with a macroscopic field</i>
11:00-11:15	Yu. D. Fomin, HPPI RAS <i>Between two and three dimensions: Crystal structures in a slit pore</i>
11:15-11:30	Minjun Chen, Loughborough University <i>Controlled Release Properties of Monodisperse Polyethylene Glycol Diacrylate Microspheres loaded with Inorganic Nanofillers</i>
	<b>Break</b>
11:40-12:25	<b>Plenary lecture:</b> Sarah Rogers, STFC <i>The Life of a Small-Angle Neutron Scatterer</i>
12:25-13:00	Open discussion
13:00	<b>Close</b>