

Monday 17 July 2023

08:00 - 08:45	<b>Registration</b>				
	Room 11				
08:45 - 09:00	Introduction Dr Richard Greenwood UK Colloids 2023 Chair				
09:00 - 09:50	<b>Plenary 1   Prof Jayne Lawrence   University of Manchester</b> Developing Improved Nucleic Acid Delivery Vehicles				
09:50 - 10:00	Exhibitors presentation ( 2 x 5 mins )				
10:00 - 10:30	Coffee Break				
	Room 11A ( 95 )	Room 11B ( 145 )	Room 11 C ( 95 )	Room 1B ( 247 )	Room 12 ( 190 )
	<b>Wetting &amp; Adhesion</b>	<b>Colloidal Suspensions</b>	<b>Formulation Science &amp; Engineering</b>	<b>Self-Assembly</b>	<b>Nanoparticles &amp; Nanostructured Materials</b>
10:30 - 11:00	<b>K1 Glen McHale   University of Edinburgh</b> Super Slippery Surfaces: Wetting on liquid and liquid-like surfaces	<b>K2 - Alfons Van Blaaderen   University Utrecht</b> Self-Assembly in Spherical Confinement: Hierarchical Structuring at Multiple Length Scales	<b>K3 - Tommy Nylander   Lund University</b> TBC	<b>K4 - Francesco Sciortino   Sapienza Uni di Roma</b> Guiding self-assembly processes	<b>K5 - Yurii Gun'ko   Trinity College Dublin</b> Chiroptically active colloidal nanostructures
11:00 - 11:20	(107) Shiva Mohammadi-Jam   McGill Uni An evaluation of benzoxyhydroxamic acid collector for the froth flotation of sulfide minerals	(247) Debasish Saha   Forschungszentrum Juelich Diffusion of water in waterborne polymer colloid films containing different hydrophilic shells	(293) Cesar Mendoza   Unilever Properties of Cationic Surfactant-Fatty Alcohols Bilayers: Insights from Dissipative Particle Dynamics	(145) Alessandro Patti   Uni di Granada Modelling the self-assembly of colloidal cuboids in biaxial nematic liquid crystals	(240) Peter Young   CPI Development of an automated screening platform to assess LNP stability
11:20 - 11:40	(85) Sepideh Khodaparast   University of Leeds Surface topography in biomimetic wax-based coatings	(249) Marcel Rey   Uni of Gothenburg Versatile strategy for homogeneous drying of dispersed particles	(119) Joanne Cook   Unilever Modelling Shampoo Rheology	(252) Jiaxin Hou   University of Manchester A simulation study on co-assembly of cellulose nanocrystals and Au-nanorods	(233) Gabriela Rath   Queen Mary Uni London Intranasal drug delivery: synthesis and characterization of microgels with chitosan-like properties
11:40 - 12:00	(93) Hideo Sawada   Hirotsaki University Selective adsorption of organofluorine compounds by fluoroalkyl end-capped oligomer/ micro-sized silica composites	(221) Zahra Alaei   Uni of Greenwich The Use of Solvent-Relaxation NMR to Study Aqueous and Non-Aqueous Particulate Dispersions	(118) Veronika Yavruckova   Uni of Sofia Solubility of ionic surfactants below their Kraft point in mixed micellar solutions: Phase diagrams for methyl ester sulfonates and ionic cosurfactants	(169) Thomas McCoy   University of Cambridge Effects of hydration, additives and temperature on a friction modifying surfactant in dodecane	(254) Stefan Guldin   UCL Novel approaches to acoustic immunosensing of extracellular vesicles
12:00 - 12:20	(78) Brenda Prager   Uni of Mississippi Spreading Kinetics and Contact Angle Measurements of Different Viscosity Oils over Thick, Porous, Soil-based Substrates	(245) Timothy Hunter   University of Leeds Investigations into the centrifugal sedimentation of bidisperse colloids	(203) Teanoosh Moaddel   Unilever Effects of Carbomer Inclusion on the Rheology and Microstructure of a Surfactant Mixture Containing Potassium Stearate, Stearic Acid, and Glyceryl Stearate	(223) Jack Eatson   University of Hull Defined core-shell particles as the key to complex interfacial self-assembly	Oleksandr Mykhaylyk   Uni of Sheffield Analysis of Reaction Kinetics and Nanoparticle Growth by Time-Resolved Small-angle X-ray Scattering during Polymerization-Induced Self-Assembly of Block Copolymers
12:20 - 12:40	(112) Yu Liu   University of Birmingham Hair conditioning technology without silicones	TBC	TBC	(251) Andy Neophytou   University of Birmingham Topological Nature of the Liquid-Liquid Phase Transition	Invited Rachel Evans   University of Cambridge Light-Responsive Surfactants as Templating Agents for Nanoporous Titania
12:40 - 1:20	<b>LUNCH / AGM</b>				
	Room 11A ( 95 )	Room 11B ( 145 )	Room 11 C ( 95 )	Room 1B ( 247 )	Room 12 ( 190 )
	<b>Wetting &amp; Adhesion</b>	<b>Colloidal Suspensions</b>	<b>Formulation Science &amp; Engineering</b>	<b>Self-Assembly</b>	<b>Nanoparticles &amp; Nanostructured Materials</b>
1:20 - 1:50	<b>K6 - Erica Wanless   University of Newcastle</b> Specific ion mediated thermoresponsive PNIPAM brushes	<b>K7 - Elodie Bourgeat-Lami LCCP Lyon</b> Synthesis of cerium oxide-armed polymer latexes by thermal and visible light-induced surfactant-free emulsion polymerization: towards waterborne coatings with enhanced properties	<b>K8 - Ray Daqastine   University of Melbourne</b> Structure to function of polymer-surfactant complexes at soft interfaces	<b>K9 - Erica Eiser   University of Cambridge</b> Towards Programmable DNA-Hydrogels	<b>K10 - Eugenia Kumacheva   University of Toronto</b> Nanocolloidal liquid crystals under confinement
1:50 - 2:10	(115) Casey Thomas   Uni of Mebourne Metallic electrostatic liquid marbles – elucidation of particle property interplay	(218) Jacqueline Eardley   Uni of Melbourne Selective flocculation using charged polymers for fine particle flotation	(207) Aneesa Nabi   University of Birmingham Effect of block co-polymer architecture on its surface deposition	(164) Serge Ravaine   CRPP CNRS Programmed Assembly of Patchy Nanoparticles	(171) David Brossault   Uni of Cambridge Colloidal destabilization of nanoparticles in emulsion: A versatile approach for producing bespoke composite particles
2:10 - 2:30	(129) Donald Hill   Swansea University Hybrid Hydrocarbon/Fluorocarbon Nanoparticle Coatings for Environmentally Friendly Omiphobic Surfaces	(9) Jason Corbett   Malvern Analytical Routine, ensemble characterisation of electrophoretic mobility in high and saturated ionic dispersions	(222) Ignacio Martin-Fabiani   Uni of Loughborough Understanding Associative Polymer Self-Assembly with Shrinking Gate Fluorescence Correlation Spectroscopy	(214) Wenjing Hu   Kings College London Soft templating of copper-based nanoparticles for photothermal and photodynamic therapy	(174) Umair Sultan   Friedrich-Alexander Uni From meso to macro: controlling hierarchical porosity in supraparticle powders
2:30 - 2:50	(160) Emily Brogden   University of Warwick Hard-Soft Polymer Colloid Mixtures for Waterborne Linerless Pressure Sensitive Adhesives	(163) Callum Hutchinson   Uni of Leeds Structure-Stability Relationships of Model Asphaltene Compounds: Implications of Sulfur Heteroatom Functionality	(262) Zhenzhen Lu   Uni of Melbourne Monitor the interactions of individual polymer-surfactant complexes at rigid and soft surfaces using AFM	(24) Lee Fielding   Uni of Manchester Investigating the influence of solvent quality on RAFT-mediated PISA of sulfonate-functional diblock copolymer nanoparticles	(109) Alex Garrow   University of Birmingham Lignin-rich ghost particles dispersible in oil and water for one-stop flow field visualisation in droplet microfluidics
2:50 - 3:10	(153) Henry Apsey   University of Swansea Slippery Alkoxyisane Coatings for Antifouling Applications	(90) John Texter   Eastern Michigan Uni Thermodynamically Stable Dispersions and Osmotic Spheres	(184) Anh Phong Dang   Uni of NSW Measuring the structures and adsorption behaviour of surfactant/polymer complexes at the oil/water interface	(141) Lauren Matthews   ESRF Structural elucidation of hydrogen-bonding rich nonaqueous crystalline gels under external stimuli using rheo-SAXS	(246) Edwin C Johnson   Uni of Sheffield Rational design of polymer-pigment antenna complexes for strong-plasmon coupling
3:10 - 3:30	(177) Sushanta Mitra   Uni of Waterloo A hydrogel switch enabling wetting-adhesion transition	(185) Guillaume Lemahieu   Formulaction Around the prediction of colloidal stability in suspensions using particle size distribution obtained by Static Multiple Light Scattering and DLVO theory	(144) James Cosby   Unilever Characterisation Challenges for Microstructures in Complex Personal Care Formulations	(227) Jay Morris   Uni of Birmingham Structure Prediction and Self-Assembly of Multipolar Nematic Colloids	(142) Rohan Pokrath   University of Basel Colloidal synthesis of zirconia nanocrystals: Precursor conversion to crystallization
3:50 - 4:10	(178) Binyu Zhao   Leibniz Institute Substrate stretching-induced anisotropic droplet evaporation on soft materials	TBC	(211) Ashley Williams   Monash Uni Shape and structure of eber-linked ionic surfactants modulated by linker dehydration	Invited Etienne Ducrot   CRPP & CNRS* Stepwise programmed colloidal assembly with non-orthogonal DNA brushes	Invited Siddharth V Patwardhan   Uni of Sheffield An integrated approach for taking green nanomaterials from discovery to market
*30mins					
4:00 - 4:20	Coffee				
4:20 - 4:40	Flash posters ( 10 x 2 mins ) pre recorded - 87, 135, 37, 46, 138, 248				
4:40 - 6:30	Poster session				
5:15 - 6:15	RSC Panel discussion				
6:15 - 6:45	Poster session continues with drinks reception				

**Tuesday 18 July 2023**

08:50 - 09:00 Introduction Dr Richard Greenwood UK Colloids 2023 Chair

09:00 - 09:50 **Plenary 2 - Dr Malcom Faers | Bayer**  
The Art of Applying Colloid Science to the Design of Formulations

09:50 - 10:00 Exhibitors presentation ( 2 x 5 mins )

10:00 - 10:30 Coffee

	Room 11A ( 95 )	Room 11B ( 145 )	Room 1B ( 247 )	Room 12 ( 190 )
	<b>Foams, Emulsions and Bubbles</b>	<b>Encapsulation and Release</b>	<b>Rheology, Soft Solids &amp; Complex Fluids</b>	<b>General</b>
10:30 - 11:00	<b>K6 - Jim Finch   McGill University</b> Bubbles: from fundamentals to profit	<b>K7 - Katharina Landfester   Max Plank Institute</b> TBC	<b>K8 - Jan Vermant   ETH Zürich</b> Colloidal gels using rough building blocks: brittleness avoided!	<b>K9 - Paul Luckham   Imperial College London</b> Using Atomic Force Spectroscopy to Detect Liquid Films on Solid Surfaces: Contact Angle and Water Films in Porous Media
11:00 - 11:20	<b>(257) Dzmitry Pashkevich   McGill Uni</b> Investigations of temperature-induced variations in foam and froth stabilities in the context of mono-mineral flotation	<b>(44) Michael Cook   UCL</b> Thermoreversible gels from supracolloidal assemblies for topical medicines	<b>(70) Coline Bretz   LS Instruments</b> Characterizing Plant-Based Gums with DWS Micro-rheology	<b>(193) Xanel Vecino   Uni of Vigo</b> Wettability evaluation of biosurfactant extract obtained by dialysis process from corn steep water in comparison with chemical surfactants
11:20 - 11:40	<b>(287) Fotis Spyropoulos   Uni of Birmingham</b> Development of Pickering emulsions as liquid formulation platforms for the co-delivery of multiple actives	<b>(234) Albert Woodward-Rowe   Uni of Surrey</b> Design and optimisation of poly(ethylene glycol) hydrogels for encapsulation of living bacteria	<b>(132) Nicole Rosik   Uni of Birmingham</b> The analysis of thermal and mechanical properties of a natural skin oil (sebum)	<b>(2) Les Woodcock</b> Colloids of Pure Fluids in Thermodynamic Equilibrium
11:40 - 12:00	<b>(208) Yuchen Si   Uni of Edinburgh</b> The Morphology and Rheology of Mixed Oil and Water Foams in Bulk	<b>(263) Emanuele Mauri   Politecnico di Milano</b> UCST-type thermoresponsive nanoparticles for controlled drug delivery in hyperthermia therapy	<b>(179) Max Dombrowski   Uni of Stuttgart</b> Gelled lyotropic nematic liquid crystals	<b>(117) Hayden Robertson   Uni of Newcastle</b> Polyelectrolyte brushes exhibit re-entrant behaviour: Underscreening in concentrated electrolytes
12:00 - 12:20	<b>(155) Oliver Walker   Uni of Stuttgart</b> Shape Matters: Properties of Graded Polymer Foams	<b>(285) Valeria Kudriavtceva   QMUL</b> Combining Layer-by-Layer Approach and Soft Lithography for Asymmetric Microcapsules Fabrication	<b>(181) Leuan Roberts-Harry   Unilever</b> Double gels made of interpenetrating colloidal networks	<b>(182) Robyn Hill   Uni of Birmingham</b> Relationship Between Light Scattering and Barrier Properties of Microfibrillated Cellulose Films
12:20 - 12:40	<b>(139) Tao Li   Wenzhou Institute</b> Continuous Emulsion Channels Achieved by Mediating the Aqueous-Oil Interface Solely with Rough Colloids	TBC	<b>(202) Tatiana Slavova   Uni of Sofia</b> Investigation of giant micellar structures in mixed surfactant solutions: emulsification properties and rheology	TBC

12:40 - 1:20 LUNCH

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	<b>Foams, Emulsions and Bubbles</b>	<b>Encapsulation and Release</b>	<b>Rheology, Soft Solids &amp; Complex Fluids</b>	<b>Nanoparticles &amp; Nanostructured Materials</b>
1:20 - 1:50	<b>K10 - Peter Martin</b>	<b>K11 - Zhibing Zhang University of Birmingham</b> Desirable properties of microcapsules and their characterisation	<b>K12 - Erin Koo   KU Leuven</b> Yielding dynamics in capillary suspensions: the importance of local and semi-local structures	<b>K13- Serena Cussen   University of Sheffield</b> TBC
1:50 - 2:10	<b>(292) Vincenzo di Bari   Uni of Nottingham</b> Mechanisms of freeze-thaw instability in oil body emulsions	<b>(196) Chuen-Ru Li   Swiss Fed Institute</b> Selectively permeable microcapsules	<b>(191) Tania Selina   Uni of Birmingham</b> Slot Rheometry: High shear rheology, laminar-turbulent transition and shear dependent structure of Microfibrillated Cellulose containing coatings	<b>(137) Mari Takahashi   JAIST</b> In Operando XAFS on Local Structure and Electronic State of Tungsten Oxide Nanoparticles with Different Crystal Structure under Electrochromism
2:10 - 2:30	<b>(197) Pablo del Pozo Lorenzale   Uni of Birm</b> Enhancement of Perfume Deposition from Powder Detergent into Fabrics	<b>(47) Dan Baiocco   Uni of Birmingham</b> Animal-Free and Oil Encaging Microcapsules Prepared Via Complex Coacervation	<b>(266) Wim Thielemans   Kuleuven</b> Diffusion kinetics of cellulose nanocrystals as function of ionic strength in aqueous salt suspension	<b>(11) Kamendra Sharma   Indian Institute of Tech</b> Gas Sequestration in Porous Liquids based on Hollow Nanorods
2:30 - 2:50	<b>Jo Gould   University of Nottingham</b> TBC	<b>(151) Siddhant Pravin Bhutkar   Uni of Birm</b> Supramolecular diurea crystal: A microplastic-free alternative for encapsulation	<b>(150) Svetoslav Anachkov   Uni of Sofia</b> Salt-response of anionic/zwitterionic mixtures: Rheological scaling rules	<b>(104) Daniel Zámbo   Centre for Energy Research</b> Effect of nanoparticle design on the morphology, optical and photocatalytic properties of copper(I)-oxide/gold-based multicomponent nanostructures
2:50 - 3:10	<b>(15) Jeffrey Opoku   McGill University</b> Measuring the vertical void fraction profile of foams using electrical conductivity	<b>(281) Claire Riordan   Micropore Tech</b> Production of Polymeric-shelled Microcapsules for Self-sealing Cementitious Applications Using Continuous, Scalable Crossflow Membrane Emulsification	<b>(176) Sashikumar Ramamirtham   Uni of Edinburgh</b> Beta-lactoglobulin/Pectin Complexes: Tuning the Polysaccharide for Optimal Interfacial Rheology	<b>(147) Simon Moore   JAIST</b> Nanostructured Thermoelectric Materials Fabricated Using Chemically-Synthesized Tin Diselenide Nanosheets As Building Blocks
3:10 - 3:30	<b>(183) Joe Forth   Uni of Liverpool</b> Active Liquid Materials at the Oil-Water Interface	TBC	<b>K14 - Esther Garcia-Tunon   Uni of Liverpool*</b> Understanding complex fluids for three-dimensional printing using LAOS, FT-rheology and printability maps	<b>(152) Kimberley Timmers   TNO</b> The influence of W doping on the crystallization of VO <sub>2</sub> (M) within hydrothermal synthesis

\*30mins

3:45 - 4:05 Coffee

4:05 - 4:55 **SCI/RSC Graham Thomas Award Lecture 2023**  
Prof Nguyen T.K. Thanh | University College London  
Plasmonic and Magnetic Nanoparticles for Biomedical Application

5:30 - 6:45 Coaches to MIF / Cathedral

7:00 - 7:30 Drink reception at Cathedral

7:30 - 9:30 Dinner

9:30 - 10:00 Return coaches to Conference Centre

**Wednesday 19 July 2023**

08:50 - 09:00 Introduction Dr Richard Greenwood UK Colloids 2023 Chair

09:00 - 09:50 **Plenary 3 - Prof Norman Wagner | University of Delaware**  
The Micromechanics of Shear Thickening Fluids and their Application as Protective Materials for Medical Professionals, First Responders, Athletes and Astronauts

09:50 - 10:20 Coffee

	Room 11A ( 95 )	Room 11B ( 145 )	Room 11C ( 95 )	Room 1B ( 247 )	Room 12 ( 190 )
	<b>Foams, Emulsions and Bubbles</b>	<b>Rheology, Soft Solids &amp; Complex Fluids</b>	<b>Colloids &amp; Surfaces in the Health &amp; Life Sciences</b>	<b>Tribology</b>	<b>Formulation Science &amp; Engineering</b>
10.20-10.50	<b>K15 - Slavka Tcholakova   Sofia University</b> Formation and rheology of emulsions and nanomeulsions	<b>K16 - Jan Dhont   Forschungszentrum Jülich</b> Motility-Induced Inter-Particle Correlations and Mass Transport	<b>K17 - Aime Miller   University of Manchester</b> Designing multi-functional hydrogels: from lab to commercialisation	<b>K18 - Honobo Zeng   University of Alberta</b> Probing Reversible Molecular Interactions toward Developing Multifunctional Soft Materials and Bioadhesives	<b>K19 - Rico Tabor   Monash University</b> Can structure—function relationships really help to design greener surfactants?
10.50 - 11.10	<b>(200) Ahmed Othman   Uni of Cambridge</b> Investigating Liquid-Liquid Phase Separation in Binary Evaporating Droplets via Transfer of Water Vapour	<b>(170) Rishav Agrawal   Uni of Liverpool</b> Utilizing SPP technique and FT-rheology to probe connection between LAOS response and printability of complex fluids	<b>(100) Yi (David) Ju   RMIT Uni</b> Exploring the impact of protein-nanoparticle interactions in human blood	<b>(175) Ben Kew   University of Leeds</b> Oral tribology in developing next generation plant protein foods: Reducing astringency, improving functionality and in fat replacement	<b>(71) David Growney   Lubrizol</b> Using Colloid Science to Improve Engine Efficiency and Reduce Vehicle Emissions – A Formulating Game
11.10 - 11.30	<b>(260) Enes Durgut   Uni of Sheffield</b> Pore Throat Formation in Polymerized High Internal Phase Pickering Emulsions	<b>(216) Osama Maklad   Uni of Greenwich</b> Cross-linking of under-utilised legumes protein isolate for food applications	<b>(143) Lorna Dougan   University of Leeds</b> Embedded microbubbles within a cross-linked protein network	<b>(190) Alexander Armstrong   ISIS Neutron</b> Probing the adsorption of the organic friction modifier glycerol monooleate at the iron oxide-dodecane interface in situ with neutron reflectometry	<b>(121) Gergana Radulova   Uni of Sofia</b> Critical micelle concentration, size and aggregation number of zwitterionic surfactant micelles: Theory vs experiments
11.30 - 11.50	<b>(265) Léa Waldmann   Uni of Bordeaux</b> Thermo-induced inversion of water-in-water emulsion stability by bis-hydrophilic microgels	<b>(113) Glen Redpath   Uni of Birmingham</b> Effect of polymer binders on the rheological behaviour of model toothpastes	<b>(238) Federico Traldi   Queen Mary Uni of London</b> Protein-nanoparticle interactions: impact of protein corona formation on interfacial and thermoresponsive properties of polymeric nanogels	<b>(277) Phoebe-Claire Bramley   Uni of Sheffield</b> The development of an artificial skin model for the tribological assessment of beauty and personal care products in a consumer relevant environment	<b>(157) Xiaotang Song   Uni of Melbourne</b> A High-throughput Microfluidic Platform to Explore Adhesion between Polymer-surfactant Coated Droplets: A Novel Approach
11.50 - 12.10	<b>(226) Benjamin Lobel   Uni of Leeds</b> Anisotropic emulsions as a route to non-spherical microcapsules	<b>(198) Olivia Pickup   University of Leeds</b> Spherical nanoparticles as yield stress modifiers in concentrated suspensions	TBC	<b>K20 - Pete Dowling   Infineum</b> Using neutrons to unlock the properties of commercial oil additives	<b>(280) Anthony Ryan   Uni of Sheffield</b> Designer Surfactants for Alcoholic Foams by Supervised Machine Learning
12.10 - 12.30	TBC		TBC		<b>(130) Mihail Georgiev   Uni of Sofia</b> Phase separation of saturated micellar network and its potential applications for nanoemulsification

12.30-1.20 LUNCH

	Room 11A ( 95 )	Room 11C ( 95 )	Room 1B ( 247 )	Room 12 ( 190 )
	<b>Colloids in Motion</b>	<b>Biomimetics</b>	<b>Tribology</b>	<b>Polymer</b>
1.20 - 1.50	<b>K21 - 255 Patrick Warren   Unilever &amp; STFC</b> Diffusiophoresis in surfactant gradients: particulate soil removal from porous materials and the significance of rinsing in laundry detergency	<b>K22 - Karen Edler   University of Bath</b> Polymer stabilised lipid nanodiscs for membrane protein studies	<b>K23 - Jennifer Marsh   P&amp;G</b> Understanding UV damage in hair using model reactivity in gels and colloidal solutions	<b>K24 - Rod Priestley   Princeton University</b> Structured and Hybrid Polymer Colloids by Flash NanoPrecipitation
1.50 - 2.10	<b>(111) Ian Williams   University of Surrey</b> Diffusiophoresis in orthogonal electrolyte gradients	<b>(159) Gudrun Bleyer   Friedrich-Alexander Uni</b> Optimisation of colour saturation in colloidal crystals employing nature inspired synthetic melanin with precise control of material ratios and placement	<b>(244) Laure Kyriazis   Uni of Birmingham</b> Designing tactile benefits of fabrics	<b>(241) William Sharratt   Imperial College London</b> Design Principles for Precision Polymer Colloids
2.10 - 2.30	<b>(189) Guido Bolzonni   Uni College London</b> Continuous manipulation and characterization of colloidal beads and liposomes via diffusiophoresis in single- and double-junction microchannels	<b>(206) Yuxiu Chen   University of Newcastle</b> Waterborne Colloidal Coatings Containing Metabolically-Active Bacteria for Wastewater Treatment	<b>(205) Slavash Soltanahmad   Uni of Leeds</b> Multiscale and multi-stage lubrication properties of edible particle-filled phase change fluids	<b>(167) Alexia Beale   Uni of Surrey</b> Colloidal Gelation Inside Porous Structures Imaged Using X-ray Computed Tomography
2.30 - 2.50	<b>(165) Claire Rees-Zimmerman   Uni of Oxford</b> Electrolyte-driven diffusiophoresis of latex in silica	<b>(289) Thomas Parton   Uni of Cambridge</b> Tuning the visual appearance of photonic cellulose nanocrystal films	<b>(290) Nicholas M Taylor   University of Bristol</b> Boundary lubrication in oil by confined 'centipede' copolymer nanofilms: From high friction to superlubricity.	<b>(127) Xueyuan Li   Uni of Manchester</b> Pyrene-functionalized poly(methacrylic acid) as an effective stabilizer for aqueous dispersions of graphene nanoplatelets
2.50 - 3.10	<b>(294) Ignacio Martin-Fabiani   Uni of Loughborough</b> Controlled assembly of photocatalytic colloidal films	<b>(250) Tadeusz Balcerowski   Uni of Manchester</b> Modified gelation in the self-assembly of Cellulose Nanocrystals using Xanthan gum	TBC	<b>(134) Regina Danta de Medeiros   Uni of Melbourne</b> Flocculation of valuable fine copper minerals using polyacrylamide polymers
3.10 - 3.30	TBC	<b>K25 - Chiara Neto   University of Sydney *</b> The mystery behind slippery covalently attached liquid surfaces	TBC	TBC

3.45 - 4.00 Closing comments / Prizes

\*30 mins