Monday 17 July 2023

08:00 - 08:45 **Registration**
Room 11 (400)

08:45 - 09:00 Introduction Dr Richard Greenwod UK Colloids 2023 Chair

09:00 - 09:50 **Plenary 1 | Prof Jayne Lawrence | University of Manchester**
Developing Improved Nucleic Acid Delivery Vehicles

09:50 - 09:55 Exhibitor Presentation (1 x 5 mins) Malvern Panalytical

10:00 - 10:30 Coffee Break - Room 3

	Room 11A (95)	Room 11B (145)	Room 11 C (95)	Room 1B (247)	Room 12 (190)
	Wetting & Adhesion	**Colloidal Suspensions**	**Formulation Science & Engineering**	**Self-Assembly**	**Nanoparticles & Nanostructured Materials**
10:30 - 11:00	**K1 Glen McHale | University of Edinburgh** Super Slippery Surfaces: Wetting on liquid and liquid-like surfaces	**K2 - Alfons Van Blaaderen | Utrecht University** Self-Assembly in Spherical Confinement: Hierarchical Structuring at Multiple Length Scales	**K3 - Tommy Nylander | Lund University** Formation of Curved Lipid Membranes - Surface Interactions and Changes Due to Solution Conditions	**K4 - Francesco Sciortino | Sapienza Uni di Roma** Guiding self-assembly processes	**K5 - Yurii Gun'ko | Trinity College Dublin** Chiroptically active colloidal nanostructures
11:00 - 11:20	**(107) Shiva Mohammadi-Jam | McGill Uni** An evaluation of benzohydroxamic 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 of 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 | Hirosaki 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 Yavrukova | Uni of Sofia** Solubility of ionic surfactants below their Krafft point in mixed micellar solutions: Phase diagrams for methyl ester sulfonates and ionic cosurfactants	**(284) Martin Buzza | University of Hull** Defined core–shell particles as the key to complex interfacial self-assembly	**(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	**(251) Andreas Neophytou | Uni of Birmingham** Topological Nature of the Liquid-Liquid Phase Transition	**(298) 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	**(134) Regina Dantas de Medeiros | Uni of Melbourne** Flocculation of valuable fine copper minerals using polyacrylamide polymers	**(130) Mihail Georgiev | Uni of Sofia** Phase separation of saturated micellar network and its potential applications for nanoemulsification		**Marco Giardiello** To follow

12:40 - 1:20 **LUNCH - Room 3**

	Room 11A (95)	Room 11B (145)	Room 11 C (95)	Room 1B (247)	Room 12 (190)
	Wetting & Adhesion	**Colloidal Suspensions**	**Formulation Science & Engineering**	**Self-Assembly**	**Nanoparticles & Nanostructured Materials**
1:20 - 1:50	**K6 - Erica Wanless | University of Newcastle** Specific ion modulated thermoresponsive PNIPAM brushes	**K7 - Elodie Bourgeat-Lami LCCP Lyon** Synthesis of cerium oxide-armored polymer latexes by thermal and visible light-induced surfactant-free emulsion polymerization: towards waterborne coatings with enhanced properties	**K8 - Ray Dagastine | University of Melbourne** Structure to function of polymer-surfactant complexes at soft interfaces	**K9 - Erika Eiser | University of Cambridge** Towards Programmable DNA-Hydrogels	**K10 - Eugenia Kumacheva | University of Toronto** 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) Jackquline 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 Omniphobic Surfaces	**(330) Beatrice Boggio-Robutti | Uni of Cambridge** Stearyldiethanolamine as an Ideal Surfactant - Understanding Engine Friction Reduction at the Dodecane/Hematite Interface	**(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	**(344) 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** A novel sensor-integrated 3D-printing microfluidic viscometer and its application in rheometric investigations	**(24) Lee Fielding | Uni of Manchester** Investigating the influence of solvent quality on RAFT-mediated PISA of sulfonate-functional diblock copolymer nanoparticles	**(109) Alex Gerrow | 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 Alkoxysilane 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 Pokratath | University of Basel** Colloidal synthesis of zirconia nanocrystals: Precursor conversion to crystallization
3:30 - 3:50	**(178) Binyu Zhao | Leibniz Institute** Substrate stretching-induced anisotropic droplet evaporation on soft materials	**(7) David Fairhurst | Colloid Consultants Ltd** NMR Relaxation and Hansen Solubility Parameters applied to Powder Wetting and Dispersibility	**(211) Ashley Williams | Monash Uni** Shape and structure of ether-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

3:50 - 4:20 Coffee

4:20 - 6:30 **Flash posters** (Room 3) (2 mins) pre recorded - (58) Jiatong Jiang, (138) Ruiling Du, (140) Tamara Schad, (166) Konstantia Nathanael, (248) Emre Aydemir, (269) Pichapak Srikamut

4:30 - 6:30 **Poster session**

5:00 - 6:00 **RSC Panel discussion (Room 11)**
Hosted by the RSC, join us for a 'Meet the Editor: Women in Editorial positions' panel discussion featuring RSC Editorial Board members; Prof. Gemma-Louise Davies (University College London, UK), Prof Nguyen Thanh (University College London, UK), Prof. Katharina Landfester (MPI of Polymer Research, Mainz, Germany) and Prof. Karen Edler (Lund University, Sweden) where we will discuss their thoughts on the challenges and visibility of women in science and the efforts publishers such as the RSC are doing to ensure gender diversity.

5:30 - 6:30 Poster session continutes with drinks reception

Tuesday 18 July 2023

08:50 - 09:00	Introduction Dr Richard Greenwod 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 - 10:30	Coffee Room 3 | AGM in room 12			
	Room 11C (95)	Room 11B (145)	Room 1B (247)	Room 12 (190)
	Foams, Emulsions and Bubbles	**Encapsulation and Release**	**Rheology, Soft Solids & Complex Fluids**	**General**
10:30 - 11:00	**K11 - Jim Finch | McGill University** Bubbles: from fundamentals to profit	**K12 - Katharina Landfester | Max Plank Institute** Protein Nanocapsules for Targeted Drug Delivery	**K13 - Jan Vermant | ETH Zürich** Colloidal gels using rough building blocks: brittleness avoided!	**K14 - Paul Luckham | Imperial College London** Using Atomic Force Spectroscopy to Detect Liquid Films on Solid Surfaces: Contact Angle and Water Films in Porous Media
11:00 - 11:20	**(257) Dzmitry Pashkevich | McGill Uni** Investigations of temperature-induced variations in foam and froth stabilities in the context of mono-mineral flotation	**(44) Michael Cook | UCL** Thermoreversible gels from supracolloidal assemblies for topical medicines	**(70) Coline Bretz | LS Instruments** Characterizing Plant-Based Gums with DWS Microrheology	**(193) Xanel Vecino | Uni of Vigo** Wettability evaluation of biosurfactant extract obtained by dialysis process from corn steep water in comparison with chemical surfactants
11:20 - 11:40	**Jo Gould | University of Nottingham** Interfacial properties of insect proteins	**(234) Albert Woodward-Rowe | Uni of Surrey** Design and optimisation of poly(ethylene glycol) hydrogels for encapsulation of living bacteria	**(132) Nicole Rosik | Uni of Birmingham** The analysis of thermal and mechanical properties of a natural skin oil (sebum)	**(2) Les Woodcock** Colloids of Pure Fluids in Thermodynamic Equilibrium
11:40 - 12:00	**(208) Yuchen Si | Uni of Edinburgh** The Morphology and Rheology of Mixed Oil and Water Foams in Bulk	**(263) Emanuele Mauri | Politecnico di Milano** UCST-type thermoresponsive nanoparticles for controlled drug delivery in hyperthermia therapy	**(179) Max Dombrowski | Uni of Stuttgart** Gelled lyotropic nematic liquid crystals	**(117) Hayden Robertson | Uni of Newcastle** Polyelectrolyte brushes exhibit re-entrant behaviour: Underscreening in concentrated electrolytes
12:00 - 12:20	**(155) Oliver Walker | Uni of Stuttgart** Shape Matters: Properties of Graded Polymer Foams	**(285) Valeriia Kudriavtceva | QMUL** Combining Layer-by-Layer Approach and Soft Lithography for Asymmetric Microcapsules Fabrication	**(181) Ieuan Roberts-Harry | Unilever** Double gels made of interpenetrating colloidal networks	**(182) Robyn Hill | Uni of Birmingham** Relationship Between Light Scattering and Barrier Properties of Microfibrillated Cellulose Films
12:20 - 12:40	**(139) Tao Li | Wenzhou Institute** Continuous Emulsion Channels Achieved by Mediating the Aqueous-Oil Interface Solely with Rough Colloids	**(225) Daniel J Williams | Uni of Leeds** Investigating the toxicity of metal-shell capsules as an effective drug delivery system for cancer therapy.	**(202) Tatiana Slavova | Uni of Sofia** Investigation of giant micellar structures in mixed surfactant solutions: emulsification properties and rheology	**K15 - Chiara Neto |University of Sydney *30mins** The mystery behind slippery covalently attached liquid surfaces
12:40 - 1:20	**LUNCH - room 3**			
	Room 11C (95)	Room 11B (145)	Room 1B (247)	Room 12 (190)
	Foams, Emulsions and Bubbles	**Encapsulation and Release**	**Rheology, Soft Solids & Complex Fluids**	**Nanoparticles & Nanostructured Materials**
1:20 - 1:50	**K16 - Peter Martin | Uni of Manchester** Foam separations for biosurfactants	**K17 - Zhibing Zhang University of Birmingham** Desirable properties of microcapsules and their characterisation	**K18 - Erin Koos | KU Leuven** Yielding dynamics in capillary suspensions: the importance of local and semi-local structures	**K19- Serena Cussen | University of Sheffield** Direct observation of dynamic lithium diffusion behaviour in nickel-rich cathodes using operando muon spectroscopy
1:50 - 2:10	**(292) Vincenzo di Bari | Uni of Nottingham** Mechanisms of freeze-thaw instability in oil body emulsions	**(196) Chuen-Ru Li | Swiss Fed Institute** Selectively permeable microcapsules	**(191) Tania Selina | Uni of Birmingham** Slot Rheometry: High shear rheology, laminar- turbulent transition and shear dependent structure of Microfibrillated Cellulose containing coatings	**(137) Mari Takahashi | JAIST** In Operando XAFS on Local Structure and Electronic State of Tungsten Oxide Nanoparticles with Different Crystal Structure under Electrochromism
2:10 - 2:30	**(197) Pablo del Pozo Lorenzale | Uni of Birm** Enhancement of Perfume Deposition from Powder Detergent into Fabrics	**(47) Dan Baiocco | Uni of Birmingham** Animal-Free and Oil Encaging Microcapsules Prepared Via Complex Coacervation	**(266) Wim Thielemans | Kuleuven** Diffusion kinetics of cellulose nanocrystals as function of ionic strength in aqueous salt suspension	**(11) Kamendra Sharma | IIT Bombay** Gas Sequestration in Porous Liquids based on Hollow Nanorods
2:30 - 2:50	**(287) Fotis Spyropoulos | Uni of Birmingham** Development of Pickering emulsions as liquid formulation platforms for the co-delivery of multiple actives	**(151) Siddhant Pravin Bhutkar | Uni of Birm** Supramolecular diurea crystal: A microplastic-free alternative for encapsulation	**(150) Svetoslav Anachkov | Uni of Sofia** Salt-response of anionic/zwitterionic mixtures: Rheological scaling rules	**(104) Daniel Zámbó | Centre for Energy Research** Effect of nanoparticle design on the morphology, optical and photocatalytic properties of copper(I)-oxide/gold-based multicomponent nanostructures
2:50 - 3:10	**(15) Jeffrey Opoku | McGill University** Measuring the vertical void fraction profile of foams using electrical conductivity	**(281) Claire Riordan | Micropore Tech** Production of Polymeric-shelled Microcapsules for Self-sealing Cementitious Applications Using Continuous, Scalable Crossflow Membrane Emulsification	**(176) Sashikumar Ramamirtham | Uni of Edinburgh** Beta-lactoglobulin/Pectin Complexes: Tuning the Polysaccharide for Optimal Interfacial Rheology	**(147) Simon Moore | JAIST** Nanostructured Thermoelectric Materials Fabricated Using Chemically-Synthesized Tin Diselenide Nanosheets As Building Blocks
3:10 - 3:30	**(183) Joe Forth | Uni of Liverpool** A Printed, Self-Building, Cellular Liquid Material		**K20 - Esther Garcia-Tunon | Uni of Liverpool*30mins** Understanding complex fluids for three-dimensional printing using LAOS, FT-rheology and printability maps	**(152) Kimberly Timmers | TNO** The influence of W doping on the crystallization of VO2(M) within hydrothermal synthesis
3:30 - 4:10	Coffee - room 3			
4:10 - 5:00	**ROOM 11 - SCI/RSC Thomas Graham Award Lecture 2023** **Prof Nguyen T.K. Thanh | University College London** Plasmonic and Magnetic Nanoparticles for Biomedical Application			
5:30pm	Coaches to MIF (due to limited capacity you will be informed if you are attending - based on first registered)			
6:40pm	Coaches to Cathedral			
7:00 - 7:30pm	Drink reception at Cathedral			
7:30 - 9:30pm	Dinner			
9:30 - 10:00 pm	Return coaches to Conference Centre (First trip 9:30pm then last at 10:00pm)			

Wednesday 19 July 2023

08:50 - 09:00 Introduction Dr Richard Greenwod 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 11 C (95)	Room 1B (247)	Room 12 (190)
	Foams, Emulsions and Bubbles	**Rheology, Soft Solids & Complex Fluids**	**Colloids & Surfaces in the Health & Life Sciences**	**Tribology**	**Formulation Science & Engineering**
10.20-10.50	**K21 - Slavka Tcholakova | Sofia University** Formation and rheology of emulsions and nanoemulsions	**K22 - Jan Dhont | Forschungszentrum Jülich** Motility-Induced Inter-Particle Correlations and Mass Transport	**K23 - Aline Miller | University of Manchester** Designing multi-functional hydrogels: from lab to commercialisation	**K24 - Hongbo Zeng | University of Alberta** Probing Reversible Molecular Interactions toward Developing Multifunctional Soft Materials and Bioadhesives	**K25 - Rico Tabor | Monash University** Can structure—function relationships really help to design greener surfactants?
10.50 -11.10	**(200) Ahmed Othman | Uni of Cambridge** Investigating Liquid-Liquid Phase Separation in Binary Evaporating Droplets via Transfer of Water Vapour	**(170) Rishav Agrawal | Uni of Liverpool** Utilizing SPP technique and FT-rheology to probe connection between LAOS response and printability of complex fluids	**(100) Yi (David) Ju | RMIT Uni** Exploring the impact of protein–nanoparticle interactions in human blood	**(175) Ben Kew | University of Leeds** Oral tribology in developing next generation plant protein foods: Reducing astringency, improving functionality and in fat replacement	**(71) David Growney | Lubrizol** Using Colloid Science to Improve Engine Efficiency and Reduce Vehicle Emissions – A Formulating Game
11.10 -11.30	**(260) Enes Durgut | Uni of Sheffield** Pore Throat Formation in Polymerized High Internal Phase Pickering Emulsions	**(216) Osama Maklad | Uni of Greenwich** Cross-linking of under-utilised legumes protein isolate for food applications	**(143) Lorna Dougan | University of Leeds** Embedded microbubbles within a cross-linked protein network	**(190) Alexander Armstrong | ISIS Neutron** Probing the adsorption of the organic friction modifier glycerol monooleate at the iron oxide-dodecane interface in situ with neutron reflectometry	**(121) Gergana Radulova | Uni of Sofia** Critical micelle concentration, size and aggregation number of zwitterionic surfactant micelles: Theory vs experiments
11.30 -11.50	**(265) Léa Waldmann | Uni of Bordeaux** Thermo-induced inversion of water-in-water emulsion stability by bis-hydrophilic microgels	**(113) Glen Redpath | Uni of Birmingham** Effect of polymer binders on the rheological behaviour of model toothpastes	**(238) Federico Traldi | Queen Mary Uni of London** Protein-nanoparticle interactions: impact of protein corona formation on interfacial and thermoresponsive properties of polymeric nanogels	**(277) Phoebe-Claire Bramley | Uni of Sheffield** The development of an artificial skin model for the tribological assessment of beauty and personal care products in a consumer relevant environment	**(157) Xiaotong Song | Uni of Melbourne** A High-throughput Microfluidic Platform to Explore Adhesion between Polymer-surfactant Coated Droplets: A Novel Approach
11.50 -12.10	**(226) Benjamin Lobel | Uni of Leeds** Anisotropic emulsions as a route to non-spherical microcapsules	**(198) Olivia Pickup | University of Leeds** Spherical nanoparticles as yield stress modifiers in concentrated suspensions	**(215) Stuart Prescott | UNSW Sydney** Biointerfacial Chemistry and the Development of Thunderstorm-Triggered Asthma	**K26 - Pete Dowding | Infineum *30mins** Using neutrons to unlock the properties of commercial oil additives	**K27 Anthony Ryan | Uni of Sheffield *30Mins** Designer Surfactants for Alcoholic Foams by Supervised Machine Learning
12.10 -12.30	**Ahu Gumrah Dumanli-Parry | Uni of Manchester** Marangoni Flow assisted assembly of Cellulose Nanocrystals in sessile droplets- effect of droplet shape and substrate	**(315) Ruth Price | University of Nottingham** Fundamental insights into a yield stress reducing emulsifier	**(295) Joseph L Keddie | University of Surrey** Oxygen Evolution from Extremophilic Cyanobacteria Confined in Colloidal Polymer Films		

12.30-1.20 **LUNCH**

		Room 11B (145)	Room 11 C (95)	Room 1B (247)	Room 12 (190)
		Colloids in Motion	**Biomimetics**	**Tribology**	**Polymer Colloid Engineering**
1.20 - 1.50		**K28 - Patrick Warren | Unilever & STFC** Diffusiophoresis in surfactant gradients: particulate soil removal from porous materials and the significance of rinsing in laundry detergency	**K29 - Karen Edler | Lund University** Polymer stabilised lipid nanodiscs for membrane protein studies	**K30 - Jennifer Marsh | P&G** Understanding UV damage in hair using model reactivity in gels and colloidal solutions	**K31 - Rod Priestley | Princeton University** Structured and Hybrid Polymer Colloids by Flash NanoPrecipitation
1.50- 2.10		**(111) Ian Williams | University of Surrey** Diffusiophoresis in orthogonal electrolyte gradients	**(159) Gudrun Bleyer | Friedrich-Alexander Uni** Optimisation of colour saturation in colloidal crystals employing nature inspired synthetic melanin with precise control of material ratios and placement	**(244) Laure Kyriazis | Uni of Birmingham** Designing tactile benefits of fabrics	**(241) William Sharratt | Uni of Liverpool** Design Principles for Precision Polymer Colloids
2.10 - 2.30		**(189) Guido Bolognesi | Uni College London** Continuous manipulation and characterization of colloidal beads and liposomes via diffusiophoresis in single- and double-junction microchannels	**(206) Yuxiu Chen | Newcastle University** Waterborne Colloidal Coatings Containing Metabolically Active Microorganisms for Wastewater Treatment	**(205) Siavash Soltanahmadi | Uniof Leeds** Multiscale and multi-stage lubrication properties of edible particle-filled phase change fluids	**(167) Alexia Beale | Uni of Surrey** Colloidal Gelation Inside Porous Structures Imaged Using X-ray Computed Tomography
2.30 -2.50		**(165) Clare Rees-Zimmerman | Uni of Oxford** Electrolyte-driven diffusiophoresis of latex in silica	**(289) Thomas Parton | Uni of Cambridge** Tuning the visual appearance of photonic cellulose nanocrystal films	**(290) Nicholas M Taylor | University of Bristol** Boundary lubrication in oil by confined "centipede" copolymer nanofilms: From high friction to superlubricity.	**(127) Xueyuan Li | Uni of Manchester** Pyrene-functionalized poly(methacrylic acid) as an effective stabilizer for aqueous dispersions of graphene nanoplatelets
2.50 -3.10		**(294) Ignacio Martin-Fabiani | Uni of Loughborough** Controlled assembly of photocatalytic colloidal films	**(250) Tadeusz Balcerowski | Uni of Manchester** Modified gelation in the self-assembly of Cellulose Nanocrystals using Xanthan gum	**Invited (357) Panagiota Mouraka | Uni of Nottingham** The role of physical and mechanical properties of plant cell-walls on the friction behaviour of fat-based suspensions	**(345) Richard J.A Moakes | Uni of Birmingham** Structuring Polymeric Systems For Healthcare Applications
3.10 -3.30		**(135) Mohammed Jamali | University of Manchester** Understanding and prevention of grain rise for waterborne latex wood coatings	**(223) Jack Eatson | University of Hull** Capillary assembly of anisotropic particles at cylindrical fluid-fluidinterfaces	**Roshan Lal | Uni of Birmingham** An Investigation into the Tribological Performance of Core Die Coatings	**(303) Selin Akpinar | MyBiotech** Manufacturing of PLGA-W/O/W Double Emulsions with a Novel Spray-Reactor-System for Nose-to-Brain Delivery Applications

3:45 - 4:15 Closing comments / Prizes, intro to UK Colloids 2025 - Room 1B