## Monday

08:50-09:00	Charter One Welcome & Introduction - Richard Greenwood					
9.00 - 09.50	Plenary 1 - Debora Berti   University of Florence					
5.00 - 05.50	Plenary 1 - Debora Berti   University of Florence Multifunctional Architectures based on Lipid Assemblies and Magnetic Nanoparticles					
9.50 -10.10	Exhibitor short presentation Anton Paar, Malvern					
0.10 - 10.30	Charter One Tea/Coffee break	Charter Two	Charter Three			
10.30 - 11.00	Nanoparticles (2) K3 - Marianne Ashford   AstraZeneca	Characterisation of Formulated Products (7) K1 - Malcolm Faers   Bayer CropScience	Foams/Bubbles/Emulsions & Microemulsions (3) K5 - Karen Edler   University of Bath			
	Nanoparticles as Nanomedicines	Understanding the fascinating complexity governing the performance of crop protection flowable formulations – from coffee rings to collapse of arrested gels	Surfactant Self-Assembly in Deep Eutectic Solvents			
11.00 -11.20	Nguyen T.K. Thanh (6)   UCL Plasmonic	Laura Elliott (18)   University of Leeds	Katherine Rumble (154)   Uni of Edinburgh Bijels			
	and magnetic Nanoparticles for biomedical applications	Monovalent salt effects on enhanced solvent relaxation and particle surface area determination via. spin-lattice NMR relaxometry	Formed by Direct Mixing			
11.20- 11.40	Davide Giust   Uni of Southampton Smart Nanoparticles for mRNAs detection	David Growney (57)   Lubrizol Developing a fundamental understanding of how wax control agents inhibit wax crystal growth via neutron and x-ray scattering	Zengyi Wei (92)   Uni of New South Wales A model oil/water interface to study the structure of adsorbed molecules			
11:40 -12.00	Invited* Bien Tan (161)   Huazhong Uni Synthesis of water-soluble and highly	Joanna Starkie (40)   Uni of Cambridge Mechanism of wax anti-settling additives and their role within wax	Marion Roullet (98)   Unilever Droplets in emulsion gels: from fillers to networks			
	fluorescent gold nanoclusters for Fe3+ sensing in living cells using fluorescence imaging	crystallisation				
12:00-12:30	James J Hobson (155)   Uni of Liverpool A Proof-of-Concept for Long Acting Release of Water-Soluble Compounds Formulated as Solid Drug Nanoparticles Dispersed in Injectable Oils	Thomas Machin (185)   Uni of Birmingham The In-line Rheology of Colloids	Alex Hargreaves (121)   Uni of Durham 30 imaging of microemulsion microdroplets deformed by multiple optical traps			
12.30 -13.30	Lunch	_				
13.30 -13:50	Invited* Olivier Sandre (84)   Uni of Bordeaux	Mark Isbell (60)   ICL The	Papoole Valadbaigi (25)   Uni of Leeds Generation			
	Tuning sizes, morphologies, and magnetic properties of mono- vs. multi-core iron oxide nanoparticles through controlled addition of water in the polyol synthesis	importance of the amorphous material interface in the measurement of thermodynamic parameters, using Inverse Gas Chromatography	of ultra-stable microbubbles for industrial application			
13.50 -14.10	Jun Chen (5)   Fudan Uni Recycle Synthesis of Near Infrared Type II whey	Tianyi Bai (69)   Uni of Melbourne Using AFM to characterize of the structure of polymer-	Simon Cox (97)   Aberystwyth Uni Mi the gap: the behaviour of small bubbles between			
	protein-capped Lead Sulfide Quantum Dots For Bioimaging Application	surfactant complexes adsorbed on surfaces relevant to product formulation	closely-spaced plates			
14.10 -14.30	Invited* Sylvie Begin   CNRS Design of magnetic nano-objects suitable for in vivo injection combining MRI, magnetic hyperthermia and/or drug delivery	Mariam Hussain (127)   Uni of Leeds The Phase behaviour of Linear alkylbenzene sulphonate/Polycarboxylate polymer systems	Qian Sun (19)   Uni of Cambridge Aqueous core colloidosomes with a metal shell			
14:30-14:50	Ahmed Al-Kattan (163)   Aix Marseille Université Elaboration and characterization of silicon nanoparticles by ultra-pulsed laser process for biomedical applications	Andrew Gray (145)   Uni of Birmingham The influence of structural and physico-chemical characteristics of perfume capsules on their burst properties	Ana Maria Bago Rodriguez (74)   Uni of Hull Emulsions stabilised by polyelectrolyte complexes (PEC)			
4.50 -15.10	Tea/Coffee break					
15.10- 15.40	K4 - Shinya Maenosono (89)   JAIST Imaging and isolation of autophagosomes using magnetic-plasmonic hybrid nanobeads	K2 - Zhenyu Zhang (38)   Uni of Birmingham Nanotribology for Formulation Development	K6 - Rico Tabor   Monash Uni Emulsions stabilised by graphenes: Pickering, the next generation?			
15.40 - 16.00	Stefanos Mourdikoudis (129)   UCL         Fe-           based nanoparticles synthesized by 'batch'         Fe-           chemical routes – Modified synthetic         approaches, novel routes and perspectives	Timothy Hunter (177)   Uni of Leeds Use of acoustic backscatter systems to characterise concentrated dispersions	Shirin Alexander (14)   Swansea Uni Branched Hydrocarbon Low Surface Energy Materia (LSEMs) for Superhydrophobic Nanoparticle Deriver Surfaces			
16.00-16.20	Thomas Fallows (68)   Uni of Manchester High-Throughput Synthesis of Saccharide- Terminated Catechols for the Biofunctionalization of Nanoparticles	Leesa Patel (59) Uni of Greenwich Molecular interactions studied by electrophoretic NMR	Mandar Badve (83)   Uni of Birmingham Fi Dynamics and rheology of foam in narrow complex channels			
6.20 -16.40	Alec LaGrow (103)   UCL Continuous Flow Synthesis of Iron Oxide Nanoparticles	Amin Sadeghpour (141)   Empa Curved Lipid Mesophases and Their Interactions with Flavonoids: A Small Angle X-ray Scattering (SAXS) Study	Denny Vitasari (99)   Aberystwyth Uni Flow of wet foams in constricted narrow channels			
6.40 -17.00	Invited* L Lanry Yung (136)   National Uni of Singapore Gold nanoplate-based three-dimensional hierarchical microparticles: A single particle with high surface-enhanced Raman scattering enhancement	Amy Voong (131)   Uni of Birmingham Characterisation of batter coatings for food systems	Khaled Althubeiti (67)   Uni of Hull Macroporous polymers prepared at room temperatu via redox-initiated polymerisation of high internal phase emulsion templates			
7:00 - 17:20	Joshua Gisin (62)   Albert-Ludwigs-Uni Polystyrene microgel colloids – a versatile model system for (soft) condensed matter physics	Maxwell Dawes (101)   Uni of Birmingham A zeta potential and rheology study using electroacoustic spectroscopy on aqueous boron carbide suspensions for use in slip casting and spray drying	Hang Jin (75)   China Uni of Petroleum Effect of Self-Assembly of Triblock Copolymers-F68 on Interaction Forces between Oil Drops in Electrolyte Solution			
	Flash posters ( 12 per session x 3 mins ) C. Gehardt Uk, Lauda Scientific, Kruss, Derry (12), Dipaolo (115), Terescenco (174), Russell (50), Muntz (167)					

Tuesday						
08.00 - 08.50	Registration					
08:50-09:00	Charter One Welcome & Introduction					
09.00 -09.50	Plenary 2 - Vinothan N. Manoharan   Harvard University					
9.50 -10.10	Understanding and harnessing entropy in colloids Exhibitor talk - nanoScale Biomagnetics, TBC					
10.10- 10.40	Tea/coffee break Charter One	Charter Two	Charter Three	Charter Four		
10.40 -11.10	Nanoparticles (2) K13 - Mathias Brust   Uni of Liverpool Gold Nanoparticles enable Charge Transfer across Phospholipid Bilayer Membranes	Programmable Self-Assembly (5) K7 - Gi-Ra Yi   Sungkyunkwan Uni Colloidal Superstructure of DNA-Coated Polymer Particles and Clusters	Foams/Bubbles/Emulsions & Microemulsions (3) K11 - Robert Pugh   Nottingham Trent Uni Bubbles, Foaming and Beer	Colloidal Physics (8) K9 - Wilson Poon   Uni of Edinburgh Friction and shear thickening: A new paradigm fo suspension rheology		
11.10 - 11.30	Invited* Yuanzhe Piao   South Korea Title TBC	Etienne Duguet (49)   Uni of Bordeaux Synthesis and assembly of patchy particles: towards new 'colloidal molecules'	Dmytro Dedovets (11)   CNRS Confocal microscopy of the interactions of objects with a solidification interface	Stuart Prescott (93)   Uni of New South Wales Switching the interpenetration and controlling the structures of polymer brushes		
11.30 -11.50	Tapas Sen (132)   Uni of Central Lancashire Recent development of surface engineering of magnetic nanoparticles in suspension for applications in biosensors for Food and Water Technology	Mark Miller (110)   Uni of Durham Optimising interactions and controlling competition in programmable self-assembly	Francois Sicard (143)   UCL Shrinking Armored Droplets to Advance New Materials for Applications	Paul Bartlett (138)   Uni of Bristol Direct Measurement of Sub-Debye-Length Forces between Charged Colloids		
11.50 -12.10	Invited* Cuong Coa (142)   Queen's Uni Belfast The Controlled Aggregation and Switchable Peroxidase-like Activity of Plasmonic Gold Nanoparticles for Clinical Diagnostics and Food Safety Analysis	Vera Meester (108)   Leiden Uni Colloidal recycling: reconfiguration of random aggregates into patchy particles	Alberto Striolo (8)   UCL Multi- Scale Simulations Relevant for Emulsions	David French (153)   Uni of Edinburgh Creating Bridges between Droplets using Colloidal Rods		
12:10-12:30	TBC	Stefano Sacanna   New York Uni Patchy Particles via Cluster Fusion	твс	Álvaro Gonzalez Garcia (147)   Eindhoven Uni of Technology Phase behaviour of Hard-Core Yukawa spheres mixed with polymers		
12.30 -13.30	Lunch					
13.30 -14.00	K14 - Richard Tilley (42)   Uni of New South Wales Solution Synthesis and electron microscopy characterization of metal nanoparticles for catalysts and biomedicine	K8 - Qian Chen   University of Illinois at Urbana- Champaign Surprises in Self-assembly Dynamics at the Nanoscale	K12 - Kristian Waters   McGill Uni The value of bubbles - floating metals and minerals	Colloidal Suspensions (4) K10 - Walter Richtering   Aachen University Title TBC		
14.00-14.20	Lilin Wang (117)   UCL Synergetic effect of multi-drug loaded magnetic liposome in Chemo-Thermotherapy	Daniel Morphew (55)   Uni of Birmingham Hierarchical Self-assembly of Colloidal Magnetic Particles into Reconfigurable Shells	Invited* Valérie Ravaine (120)   Uni of Bordeaux Mapping the 2D organization of microgels at liquid interfaces: model surfaces and emulsions	Samuel Hare (109)   Uni of Bristol Gels, Can They Handle the Heat? - The Temperature Dependence of Colloid-Polymer Ge Collapse		
14.20 -14.40	Alison Savage (150)] Uni of Liverpool Long acting Injectable Formulations of Atovaquone for Malaria Prophylaxis	John McBride   Uni of Manchester (13) Phase behaviour and gravity-directed self-assembly of spherical caps	Invited* Valérie Ravaine (120)   Uni of Bordeaux - contined	Joshua Willott (102)   Uni of Twente Specific Ion Response of Polyelectrolyte Brushes Depends on Polymer and Anion Hydrophilicity		
14.40 -15.00	TBC	Szilard Fejer (46)   Provitam Foundation Computational design of hierarchically self-assembling anisotropic colloidal building blocks	Katy Dickinson (41) [Uni of Edinburgh Soft meets hard - a microscopic view of the freeze-thaw stability of Pickering emulsions	Lee Fielding (36)   Uni of Manchester Determining the Effective Density and Stabilizer Layer Thickness of Sterically Stabilized Nanoparticles		
15:00-15:20	TBC	Roberta Lanfranco (178)   Uni libre de Bruxelles Optical methods to study the selective targeting of Large Uni-lamellar Vesicles with gold nano-particles using DNA	TBC	Remco Tuinier (139)   Eindhoven Uni of Technology Depletion interaction in colloidal dispersions: controlled attractions?		
15 00 15 10						
15.20-15.40	Tea/Coffee break					
15.40 -16.00	Invited* Swadeshmukul Santra (135)   Uni of Central Florida Copper and Zinc based Bactericides/Fungicides for Crop Protection	Samia Ouhajji (21)   Utrecht Uni Chiral Colloids from Isotropic Spheres	Andrea Celani (24)   Johnson Matthey Hydrophobic Amino Acids as Amphiphiles in the Formulation of Ceramic Foams	Nicholas Penfold (26)   Uni of Sheffield Cross- Linked Cationic Diblock Copolymer Worms are Superflocculants for Micrometer-sized Silica Particles		
16.00 -16.20	Pingun Li   UCL Polymerized complex method for preparation of metallic and semiconductor Nanoparticles	Ross Jaggers (107)   Uni of Warwick Independent responsive behaviour and communication in hydrogel objects	Zhaoliang Zheng (71)   Uni of Liverpool Nanocarbon Materials Improve the Performance of Application of Phase Change Materials	Franceska Waggett (72)   Uni of Bristol Electrolyte-induced Attraction of Sterically Stabilised PMMA Particles in a Low Dielectric Solvent		
16.20 -16.40	Sharif Najafishirtari (43)   Istituto Italiano di Tecnologia Application of colloidal dumbbell-like nanocrystals for fundamental studies in heterogeneous catalysis	Zorana Zeravcic (28)   ESPCI Spontaneous emergence of catalytic cycles with colloidal spheres	Andrea Lotierzo (106)   Uni of Warwick Pickering Emulsion Polymerization: a versatile tool for hybrid particle synthesis	Peicheng Xu (152)   Uni of Cambridge Liquid Crystalline Behaviour of Bio-Inspired Polymer- Clay Nano-Composites		
16:40 - 17:00	Jack Saunders (51)   Uni of Manchester Preparation of Functional Nanocomposites for Corrosion Protection	Giorgio Volpe (87)   UCL Controlling the collective dynamics of active colloidal crowds	Ryo Murakami (111)   Konan Uni Liquid beads: one-pot preparation of an abundant amount of armoured liquid drops	Ben Erné (61)   Utrecht Uni A Charge Sensor for Colloids, Proteins, and Polyelectrolytes		
17:00 - 17:20	Manuel Pedro Simplicio Grasina (169)   Uni of Cardiff Synthesis of Shape and Size Controlled Nanoparticles using Non-Conventional Approaches	Martin Buzza (140)   Uni of Hull Using magnetic cylindrical particles at liquid interfaces to create switchable colloidal monolayers	Ravinder Multani   McGill University         Amyl           Xanthate Adsorption Studies onto Pyrrhotite         (Fe(1-x)S) Polymorphs in Neutral to Alkaline pH	Amin Pourmohammadbagher (125)   Uni of Alberta Displacement of Water from Clays by Hydrocarbons		
17.20 - 18.45	Change for dinner					
18:45 - 19:15	Transport departs					

19.30- 22.00

Dinner at 20:00 Drinks 19.30

Wednesday						
08.00 - 08.50	Registration					
	Charter One					
08:50-09:00	Welcome & Introduction					
9.00 -9.50	Plenary 3 - Paul Mulvaney   University of Melbourn	ne				
	Large Scale Nanocrystal Arrays					
	Charter One	Charter Two	Charter Three			
	Wetting (1)	Formulation Science & Engineering 9	Biocolloids & Biointerfaces (6)			
10.00 -10.30	K15 - Robert Style   ETH Zürich The mechanics of soft composites	K16 - Martin Murray   AkzoNobel Commercially important aspects of drying dynamics in decorative coatings	K17 - Gleb Sukhorukov   Queen Mary University of London Multifunctional Micro- and Nancencapsulation technology with Remote Controlled Delivery and Release of various cargos			
10.30 -10.50	Eftychios Hadjittofis (53)   ICL The importance of spreading pressure on adsorption based surface energy measurements; the case of IGC	Emily Summerton (4)   Uni of Birmingham Low temperature stability of surfactant systems	David Fairhurst (34)   Colloids Consultants Physico- chemical Investigation of Cellulose Nanocrystal (CNC) materials using NMR relaxation			
10.50 -11.10	Tea/Coffee break					
44.40.44.00						
11.10 -11.30	Manish Tiwari (134)   UCL Simple spray coaled nanocomposite superhydrophobic coatings using environmentally benign chemicals	Alberto Bui (17)   UCL Structure- Function Relation in Anti-Agglomerants	Olivia Pabois (66)   Kings College London Understanding the interfacial behaviour of bile salts to better engineer lipid emulsions			
11.30 -11.50	Tommy Horozov (77)   Uni of Hull Wetting and bio-fouling of porous coatings impregnated with oil	Olivier Cayre (170)   Uni of Leeds Developing impermeable microcapsules and remote delivery of small actives	Christopher Blanford (95)   Uni of Manchester Optimizing mass-specific enzyme activity by combining electrochemical quartz crystal microbalance and dual polarization interferometry analyses			
11.50 -12.10	Shad Siddiqui (90)   InnoTech Alberta Highly non-Wetting, Low Energy Surfaces for High- Temperature Oil-Water Applications	Niall Thomson (52)   Syngenta Improving agrochemical activity through surfactant science	Toshiyuki Nomura (158)   Osaka Prefecture Uni Preparation of PLGA microcapsules for biological applications			
12.10 -12.30	Maryam Derkani (118)  Uni of Strathclyde Understanding the colloidal interactions at oil/rock interfaces	Yogeshe Harshe (130)   Nestle Impact of microstructure on the oil migration in two-layered confectionery products	Alessandro Gulotta (126)   Uni of Leeds Solvency Effects on Biopolymer Interactions in Pectin Gels			
12.30 - 12.50	Suparit Tangparitkul (172)   Uni of Leeds Insights into Thermal EOR: the dewetting dynamics of heavy oil	Thomas Luxbacher (48)   Anton Paar Assessing the adsorption rate of conditioner and softener formulations by the surface zeta potential	Myriam Grundy (37)   Institute of Food Research Impact of oat constituents on the lipolysis process			
12.50 -14.00	Lunch					
14.00 -14.50	Charter One Graham Medal Lecture - Joseph Keddie   Uni of Si					
	Stratification in Films of Binary Colloidal Mixtures					
	Charter One	Charter Two				
14:50 - 15:10	Colloidal Suspensions (4) Mostafa Barigou (81)   Uni of Birmingham Microfluidic generation of bulk nanobubbles and their colloidal stability	Colloidal Physics (8) Alessandro Patti (88)   Uni of Manchester Phase behaviour of hard colloidal board-like particles				
15:10 - 15:30	Dmitry Shchukin (54)   Uni of Liverpool Nanoencapsulation of crystallohydrates for energy storage	Jun Dong (156)   Uni of Bristol Local Structural Characterisation in Emulsion Gels				
15:30-15:50	Daniele Vigolo (175)   Uni of Birmingham Continuous Isotropic-Nematic Transition in Amyloid Fibril Suspensions Driven by Thermophoresis	Alican Gençer (157)   KU Leuven Control of the deposition and the optical properties of cellulose nanocrystal films				
15.50 -16.00	Closing and poster prizes					
16.00 -	Tea and Finish	lea and Finish				