

Oral Program

Sunday – 12 th June			
15:30-20:00	Registration Mezzanine/outside Europa ballroom		
17:00-17:15	Conference Welcome, Julian Eastoe, <i>University of Bristol, UK</i> Room: Europa		
Session Chair: Julian Eastoe, <i>University of Bristol, UK</i>			
17:15-18:15	[PL01] Cryo-EM of soft colloids: a personal colloid scientist perspective Dganit Danino, <i>Russell Berrie Nanotechnology Institute, Israel</i>		
18:15-18:30	2022 Darsh Wasan award announcement, Martin Malmsten, <i>University of Copenhagen, Denmark</i>		
18:30-19:30	[AW01] Some ventures into the exciting and sometimes mysterious world of surfactant assembly Michael Gradzielski, <i>Technische Universität Berlin, Germany</i>		
19:30-20:30	Welcome reception		
Monday – 13 th June			
Session Chair: Debora Berti, <i>University of Florence, and CSGI, Italy</i> Room: Europa			
09:30-10:30	[PL02] Self-assembly and interactions of bacterial lipids Wuge Briscoe, <i>University of Bristol, UK</i>		
10:30-11:00	Refreshments		
Session Chair: Julian Eastoe, <i>University of Bristol, UK</i> Room: Europa			
11:00-11:30	[KEY01] Dynamics at the interfaces & spontaneous motions Emilia Nowak, <i>Massey University, New Zealand</i>		
11:30-12:00	[KEY02] Self-decorating in self-faceting liquid droplets of oil and of water Eli Sloutskin, <i>Bar-Ilan University, Israel</i>		
12:00-12:30	[KEY03] Design of Concentrated Colloidal Dispersions of Iron Oxide Nanoparticles in Ionic Liquids: Structure and Thermal Stability from 25 to 200 °C Emmanuelle Dubois, <i>Laboratoire PHENIX, CNRS, France</i>		
12:30-13:30	Lunch		
13:45-15:45	Session 1A Session chair: Wuge Briscoe, <i>University of Bristol, UK</i> Room: Europa	Session 2A Session chair: Emilia Nowak <i>Massey Univesity, New Zealand</i> Room: Roma I	Session 3A Session chair: Eli Nowak <i>Bar-Ilan University, Israel</i> Room: Roma II
13:45-14:05	[SC01] Drying complex fluids: Polymer solutions, microgel dispersions and respiratory fluids Kevin Roger <i>CNRS/Université de Toulouse, France</i>	[SC06] Studies of aerosol penetration through facemasks under realistic conditions of use Tomasz R. Sosnowski ¹ , Marcin Odziomek ¹ , Ernest Szajna ² ¹ Warsaw University of Technology, Warszawa, Poland. ² KMB Catalyst Sp. z o.o., Poland	[SC11] Nearly-hyperuniform Mie resonant scattering structures for optoelectronics by colloidal self-assembly Peter M. Piechulla, Ralf B. Wehrspohn, Alexander Sprafke, <i>Martin Luther University Halle Wittenberg, Halle, Germany</i>
14:05-14:25	[SC02] Integration of molecular machines and motors into supramolecular materials: structural properties studied by small-angle neutron and X-ray scattering Eric Buhler <i>Université de Paris, Matière</i>	[SC07] Understanding intrusion-extrusion of non-wetting liquids into-from nanopores for triboelectric generators, thermal actuators, negative compressibility and sensing	[SC12] Sliding behavior of PE-b-PEG copolymers Sophie Bistac, Diane Bindel, <i>Université de Haute Alsace (UHA), France</i>

	<i>et Systèmes Complexes Lab, France</i>	Pawel Zajdel ¹ , Argyrios Anagnostopoulos ² , Marco Tortora ³ , Miroslaw Chorazewski ¹ , Sandra Knauer ⁴ , Hai-Feng Zhang ⁵ , Tong Feng ⁵ , Dong Luo ⁶ , Alexander Lowe ¹ , <u>Yaroslav Grosu</u> ^{7,1} ¹ University of Silesia, Katowice, Poland. ² University of Birmingham, Birmingham, UK. ³ University of Rome La Sapienza, Roma, Italy. ⁴ Eurotechnica GmbH, Germany. ⁵ Shantou University, Shantou, China. ⁶ Jinan University, Guangzhou, China. ⁷ Alternative Energy Investigation Centre, Alava, Spain	
14:25-14:45	[SC03] Self-assembly of the polymeric solubilizer "Soluplus®" Helena Mateos ^{1,2} , Luigi Gentile ^{1,2} , Sergio Murgia ^{3,2} , Giuseppe Colafemmina ^{1,2} , <u>Gerardo Palazzo</u> ^{1,2} ¹ University of Bari, Bari, Italy. ² Center for Colloid and Surface Science, Firenze, Italy. ³ University of Cagliari, Cagliari, Italy	[SC08] Direct quantification of host-guest interaction at interfaces using a surface forces apparatus Jintae Park, Jinwoo Park, Jinhoon Lee, Chanoong Lim, <u>Dong Woog Lee</u> , Ulsan National Institute of Science and Technology School of Energy and Chemical Engineering, Ulsan, Republic of Korea	[SC13] Interactions between biocidal surfactants and bacterial membrane mimics <u>Laura Fox</u> ¹ , Jordan Petkov ^{2,1} , Jian Lu ¹ ¹ The University of Manchester, Manchester, UK. ² Arxada, UK
14:45-15:05	[SC04] Colorimetric nanoplasmonics, the swiss knife for extracellular vesicles <u>Paolo Bergese</u> ^{1,2,3,4} , Marco Bruciale ^{5,2} , Sara Busatto ⁶ , Lucrezia Caselli ^{7,2} , Costanza Montis ^{7,2} , Lucia Paolini ^{1,2} , Andrea Ridolfi ^{5,2} , Francesco Valle ^{5,2} , Andrea Zendrinì ^{1,2} , Debora Berti ^{7,2} ¹ University of Brescia, Italy. ² CSGI - Consorzio Sistemi a Grande Interfase, Italy. ³ INSTM - Consorzio Interuniversitario Nazionale per la Scienza e la Tecnologia dei Materiali, Italy. ⁴ Institute for Research and Biomedical Innovation- IRIB, Consiglio Nazionale delle Ricerche - CNR, Italy. ⁵ Consiglio	[SC09] Neither Block nor Random: the effect of polymer composition profile on its responsive properties Barbara Farias-Mancilla ¹ , Junliang Zhang ² , Arianna Balestri ³ , Debora Berti ³ , Costanza Montis ³ , Mathias Destarac ¹ , Ulrich Schubert ⁴ , Carlos Guerrero-Sanchez ⁴ , <u>Barbara Lonetti</u> ¹ , Simon Harrison ^{1,5} ¹ University of Toulouse National Center for Scientific Research (CNRS), Toulouse, France. ² Northwestern Polytechnical University, China. ³ University of Florence, Firenze, Italy. ⁴ Friedrich Schiller University Jena, Jena, Germany. ⁵ University of	[SC14] Nanoparticles in the design of immunosensors for the detection of biomarkers <u>Almira Ramanaviciene</u> ^{1,2} , Anton Popov ^{1,2} , Benediktas Brasiunas ² , Asta Kausaite-Minkstimiene ^{1,2} , Gailute Kirdaite ¹ , Eiva Bernotiene ¹ , Ali Mobasher ¹ ¹ State Research Institute Centre for Innovative Medicine, Lithuania. ² NanoTechnas - Center of Nanotechnology and Materials Science, Vilnius University, Lithuania

	Nazionale delle Ricerche, Istituto per lo Studio dei Materiali Nanostrutturati (CNRISMN), Italy. ⁶ Boston Children's Hospital, USA. ⁷ University of Florence, Italy	Bordeaux, CNRS, Bordeaux, France	
15:05-15:25	[SC05] Experimental study of pancake-shaped microdroplets stabilized by colloidal particles <u>Loïc Chagot</u> , Maria Kalli, Panagiota Angeli University College London, London, UK	[SC10] Strikingly different roles of SARS-CoV-2 fusion peptides uncovered by neutron scattering <u>Andreas Santamaria</u> ^{1,2} , Armando Maestro ^{3,4} , Nathan Richard Zaccai ⁵ , Eduardo Guzman ² , Giovanna Fragneto ^{1,6} ¹ Institut Laue-Langevin, Grenoble, France. ² Complutense University of Madrid, Madrid, Spain. ³ Basque Foundation for Science, Bilbao, Spain. ⁴ Material Physics Center, San Sebastian, Spain. ⁵ Cambridge Institute for Medical Research, Cambridge, UK. ⁶ University Grenoble Alpes - école de physique, France	[SC15] Probing ion-sieving by monitoring mobile colloids within hollow porous silica shells <u>Kanako Watanabe</u> ^{1,2} , Tom A. J. Welling ¹ , Zahra Peimanifard ¹ , Daisuke Nagao ² , Alfons van Blaaderen ¹ ¹ Utrecht University, Utrecht, The Netherlands. ² Tohoku University, Sendai, Japan
15:25-15:45	[YI01] Superhydrophobic materials for microplastics removal <u>Oriol Rius-Ayra</u> , Alisiya Biserova-Tahchieva, Nuria Llorca-Isern, Universitat de Barcelona, Spain	[YI02] Tuning the composition of bimetallic CuNi nanoalloys and their performance for the electrocatalytic Oxygen Evolution and nitrophenol reduction <u>Esteban Gloria</u> ^{1,2} , Tabea Thiel ³ , Shuang Li ² , Michael Schwarze ³ , Raoul Naumann d'Alnoncourt ¹ , Arne Thomas ² , Frank Rosowski ^{1,4} ¹ BasCat – UniCat BASF JointLab, Technische Universität Berlin, Germany. ² Institute für Chemie, Functional Materials, Technische Universität Berlin, Germany. ³ Institute für Chemie, Technische Universität Berlin, Germany. ⁴ BASF SE, Process Research and Chemical Engineering, Ludwingshafen, Germany	[YI03] Monitoring freezing at surfactant-stabilized hexadecane/water interface by molecular dynamics - effect of surface curvature <u>Sonya Tsibranska-Gyoreva</u> , Anela Ivanova, Slavka Tcholakova, Nikolai Denkov, Sofia University St Kliment Ohridski, Sofia, Bulgaria
15:45-16:15	Refreshments		
16:15-18:00	Poster Session		
Session Chair: Martin Malmsten, University of Copenhagen, Denmark			

18:00-19:00	[PL03] Developing multifunctional soft materials through tunable intermolecular and surface interactions Hongbo Zeng , <i>University of Alberta, Canada</i>		
Tuesday – 14th June			
Session Chair: <i>Raz Jelinek, Ben-Gurion University of the Negev, Be'er Sheva, Israel</i>			
09:00-10:00	[PL04] Nanocolloidal liquid crystals under confinement Eugenia Kumacheva , <i>University of Toronto, Canada</i>		
10:00-10:30	[KEY04] Leaching foams Cecile Monteux , <i>ESPCI, France</i>		
10:30-11:00	Refreshments		
Session Chair: <i>Arturo Lopez-Quintela, University of Santiago de Compostela, Spain</i>			
11:00-11:30	[KEY05] Zwitterions at electrified interfaces Himanshu Mishra , <i>King Abdullah University of Science and Technology (KAUST), Saudi Arabia</i>		
11:30-12:00	[KEY06] Self-assembled protein-polymer nanoconjugates as functional nano-building blocks for novel bio-inspired materials Pierangelo Gobbo , <i>University of Trieste, Italy</i>		
12:00-12:30	[KEY07] Coatings that kill bacteria and inactivate SARS-CoV-2 William Ducker , <i>Virginia Tech, USA</i>		
12:30-13:30	Lunch		
13:45-15:45	Session 1B Session chair: Anniina Salonen , <i>Université Paris Saclay, France</i> Room: Europa	Session 2B Session chair: Alexander V. Neimark , <i>Rutgers University, USA</i> Room: Roma I	Session 3B Session chair: Juliette Fitremann , <i>University of Toulouse, CNRS, France</i> Room: Roma II
13:45-14:05	[SC16] Hybrid hydrocarbon/fluorocarbon nanoparticle coatings for environmentally friendly omniphobic surfaces <u>Shirin Alexander</u> , Donald Hill, Henry Apsey, Andrew Barron, <i>Swansea University College of Engineering - Bay Campus, Swansea, UK</i>	[SC21] Surface characterization of colloidal oxide particles by second harmonic scattering: ion-specific effects <u>Arianna Marchioro</u> , <i>Ecole Polytechnique Fédérale de Lausanne, Switzerland</i>	[SC26] Influence of process parameters and composition on long-term stability of lipid nanocarrier formulations Kai Grenningloh, <u>Maximilian Wessner</u> , Gabriele Sadowski, <i>TU Dortmund University, Dortmund, Germany</i>
14:05-14:25	[SC17] Harvesting temperature-responsive vesicles: Bacterial bioproduction of proteolipidic assemblies with a switchable polymer corona <u>Christophe Tribet</u> ^{1,2,3} , <u>Jorges Royes Mir</u> ¹ , <u>Bruno Miroux</u> ⁴ . ¹ PSL University, Paris, France. ² Ecole Normale Supérieure, Dept. Chimie, Paris, France. ³ National Centre for Scientific Research, Paris, France. ⁴ Institute of Physico-Chemical Biology, Paris, France	[SC22] Magnetron sputtering of copper onto liquids for the production of flexible polymer composites <u>Anastasiya Sergievskaya</u> ¹ , <u>Matthis Lefranc</u> ^{1,2} , <u>Jean-Marie Raquez</u> ³ , <u>Jérémy Odent</u> ³ , <u>Stéphanos Konstantinidis</u> ¹ ¹ University of Mons, Mons, Belgium. ² Grenoble INP, Graduate schools of Engineering and Management Université Grenoble Alpes, France. ³ University of Mons, Belgium	[SC27] Biofabrication of 3D cellular colloids by magnetic levitational assembly <u>Ahu Arslan Yildiz</u> , <i>Izmir Institute of Technology, Bioengineering Department, Urla, Turkey</i>
14:25-14:45	[SC18] Jammed emulsions with adhesive pea protein particles for elastoplastic	[SC23] Dynamic modulation of circular dichroism in chiral colloidal metasurfaces	[SC28] Multidimensional particle property characterization using

	<p>edible 3D printed materials <u>Costas Nikiforidis</u>, Simha Sridharan, Wageningen University, Wageningen, The Netherlands</p>	<p>Patrick T. Probst^{1,2}, Martin Mayer^{1,2}, Vaibhav Gupta^{1,3}, Anja Maria Steiner^{1,2}, Ziwei Zhou¹, Günter K. Auernhammer^{1,4}, Tobias A. F. König^{1,2}, <u>Andreas Fery</u>^{1,2} ¹Leibniz Institute for Polymer Research, Dresden, Germany. ²Dresden University of Technology Center for Advancing Electronics Dresden, Dresden, Germany. ³Friedrich-Alexander University Erlangen-Nuremberg, Erlangen, Germany. ⁴Max Planck Institute for Polymer Research, Germany</p>	<p>novel methodologies for analytical ultracentrifugation <u>Johannes Walter</u>, Paola Cardenas Lopez, Robin Klupp Taylor, Nicolas Vogel, Wolfgang Peukert Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany</p>
14:45-15:05	<p>[SC19] Preparation of structured composite materials through magnetic control of sol-gel phase transitions <u>Marco Lattuada</u>, Joelle Medinger University of Fribourg, Fribourg, Switzerland</p>	<p>[SC24] Triglycerides' cold-bursting: a novel method for preparation of nanometer-sized particles upon cooling and heating Diana Cholakova, <u>Desislava Glushkova</u>, Slavka Tcholakova, Nikolai Denkov Sofia University, Sofia, Bulgaria</p>	<p>[SC29] Mimicking natural occurring extracellular vesicles using liposomes produced in a periodic disturbance mixer: A response surface methodology approach <u>Ruben R. Lopez</u>^{1,2}, Chaymaa Zouggar^{2,1}, Thupten Tsering¹, Prisca Bustamante¹, Catherine Mounier³, Ion Stiharu⁴, Vahé Nerguizian², Julia V. Burnier¹ ¹Research Institute of the McGill University Health Centre, Montréal, QC, Canada. ²École de technologie supérieure, Montréal, QC, Canada. ³Université du Québec à Montréal, Canada. ⁴Concordia University, Montréal, QC, Canada</p>
15:05-15:25	<p>[SC20] Diffusion of colloidal particles within confined and crowded environments Irene Abelenda-Núñez, Francisco Ortega, <u>Eduardo Guzmán</u>, Ramón G. Rubio Universidad Complutense de Madrid, Spain</p>	<p>[SC25] Probing the efficiency of volatile co-surfactants in surface-emerging processes <u>Larisa A. Tsarkova</u>, German Textile Research Center North-West, Moskva, Germany</p>	<p>[SC30] DLS microchip for size characterization of colloidal suspensions <u>Claire Marliere</u>, Didier Frot, Eric Lécolier, Xavier Lefèbvre, Sylvie Perrin, IFP Energies nouvelles, Rueil Malmaison, France</p>

15:25-15:45	<p>[Y104] Silica-biomembrane interaction is driven by surface nearly-free silanols <u>Cristina Pavan</u>^{1,2}, Matthew J. Sydor³, Stefania Cananà¹, Chiara Bellomo¹, Erica Rebba¹, Lorenzo Mino¹, Riccardo Leinardi², Rebekah L. Kendall³, Andrij Holian³, Francesco Turci¹ ¹University of Turin, Torino, Italy. ²Catholic University of Louvain, Louvain-la-Neuve, Belgium. ³University of Montana, Missoula, MT, USA</p>	<p>[Y105] How do nonionic surfactants interact with plant wax film? <u>Xuzhi Hu</u>¹, Jian Ren Lu¹, Faheem Padia², Liz McInnes² ¹The University of Manchester, UK. ²Syngenta, Jealott Hill International Research Centre, UK</p>	<p>[Y106] Interactions within rattle-type particles with and without an AC electric field for use in switchable photonic colloidal crystals <u>Tom Welling</u>¹, Hikaru Namigata², Kanako Watanabe², Daisuke Nagao², Joost de Graaf¹, Marijn van Huis¹, Alfons van Blaaderen¹ ¹Utrecht University, Utrecht, The Netherlands. ²Tohoku University, Sendai, Japan</p>
15:45-16:10	Refreshments		
16:10-17:50	<p>Session 1C Session chair: Himanshu Mishra, King Abdullah University of Science and Technology, Saudi Arabia Room: Europa</p>	<p>Session 2C Session chair: Pierangelo Gobbo, University of Trieste, Italy Room: Roma I</p>	<p>Session 3C Session chair: William Ducker, Virginia Polytechnic Institute and State University, USA Room: Roma II</p>
16:10-16:30	<p>[SC31] Superlattice of self-assembled nanocrystals led by a hydrophobic coating: The case of cerium-oxide nanoparticles <u>Noemi Gallucci</u>¹, Filomena Sica¹, Marie-Sousai Appavou², Nathan Cowieson³, Giuseppe Vitiello⁴, Stefano Lettieri⁵, Luigi Paduano¹ ¹University of Naples Federico II, Napoli, Italy. ²Jülich Center for Neutron Science, Germany. ³Diamond Light Source Ltd, Didcot, UK. ⁴University of Naples Federico II, Napoli, Italy. ⁵Institute for Applied Sciences and Intelligent Systems (CNR-ISASI) National Research Council, Italy</p>	<p>[SC35] Characterization of colloidal particles with digital off-axis holographic microscopy <u>Fredrik Eklund</u>¹, Erik Olsén², Daniel Midtvedt³, Benjamin Midtvedt³, Fredrik Höök² ¹HOLTRA AB, Sweden. ²Chalmers University of Technology, Göteborg, Sweden. ³University of Gothenburg, Göteborg, Sweden</p>	<p>[SC39] Antioxidant biopolymer for the protection of lipid membranes Patrick Mathews, Gabriella Gama, Rafael Madrid, <u>Omar Mertins</u>, Federal University of São Paulo, Brazil</p>
16:30-16:50	<p>[SC32] Bio-inspired polyphenols polymers as multifunctional components in composite nanostructured materials <u>Gerardino D'Errico</u>, University of Naples Federico II, Italy. Center for</p>	<p>[SC36] One pot preparation of functional colloidal aromatic network polymer particles and their applications <u>Makoto Takafuji</u>¹, Nanami Hano^{1,2}, Yudai Oishi¹, Kosuke Nakamae¹, Mai Fukunaga¹, Haruka</p>	<p>[SC40] Superhydrophilic surface modification of fabric via coating with cysteic acid mineral oxide Wafaa Al-Shatty¹, <u>Donald Hill</u>¹, Sajad Kiani¹, Andrius Stanulis¹, Steve Winston², Iain Powner³, Andrew Barron¹</p>

	<i>Colloid and Surface Science, Firenze, Italy</i>	Kimura ¹ , Hiroataka Ihara ¹ ¹ Kumamoto University, Kumamoto, Japan. ² University of Bordeaux, CNRS, Bordeaux, France	¹ Swansea University, Swansea, UK. ² MiDAS Green Innovation Ltd, UK. ³ Salts Healthcare Ltd, UK
16:50-17:10	[SC33] Tribocharging-driven microsphere adhesion and self-organization on various fluorocarbon-coated substrates <u>Ianaas Jimidar</u> ^{1,2} , Kai Sotthewes ² , Han Gardeniers ² , Gert Desmet ¹ ¹ VUB University, Brussel, Belgium. ² University of Twente Faculty of Science and Technology, Enschede, The Netherlands	[SC37] Unprecedented three-dimensional control of polyelectrolyte/surfactant film structures <u>Javier Carrascosa-Tejedor</u> ^{1,2} , Armando Maestro ³ , M. Jayne Lawrence ¹ , Richard A. Campbell ¹ ¹ The University of Manchester, Manchester, UK. ² Institut Laue-Langevin, Grenoble, France. ³ Basque Foundation for Science, Bilbao, Spain	[SC41] Synergetic effects due to salt/surfactant/additives/oil on interfacial tension <u>Takeshi Kobayashi</u> ¹ , Teng Dong ¹ , Kristo Kotsi ¹ , Panagiota Angeli ¹ , Ian McRobbie ² , Alberto Striolo ^{3,1} ¹ University College London, London, UK. ² Innospec Inc, Englewood, CO, USA. ³ University of Oklahoma, Norman, OK, USA
17:10-17:30	[SC34] A contactless oil-water separation using a corona discharge <u>Hossein Sojoudi</u> , Mohcen Shahbaznezhad, Amir Dehghanhadikolaei, <i>The University of Toledo, USA</i>	[SC38] A novel functional film for immobilization of lipase. Structural and biocatalytical study <u>Evdokia Vassiliadi</u> ^{1,2} , Marta Tsigotis-Maniecka ³ , Anastasiuos Aridas ^{1,2} , Veronique Schmitt ⁴ , Maria Zoumpantioti ¹ , <u>Aristotelis Xenakis</u> ¹ ¹ National Hellenic Research Foundation, Athens, Greece. ² University of Ioannina, Ioannina, Greece. ³ Wrocław University of Science and Technology, Wrocław, Poland. ⁴ Paul Pascal Research Centre, Pessac, France	[SC42] Non-toxic liquid-infused slippery coating prepared by a one-pot process prevents corrosion and marine biofouling adhesion <u>Alexander Tesler</u> ¹ , Lucia Prado ¹ , Ingo Thievensen ² , Anca Mazare ² , Sanakaisa Virtanen ² , Wolfgang Goldmann ² , Patrik Schmuki ² , Marat Khusniyarov, ² ¹ Friedrich-Alexander-University Erlangen-Nurnberg, Erlangen, Germany. ² Friedrich-Alexander University Erlangen-Nuremberg, Erlangen, Germany
17:30-17:50	[YI07] Specific ion effects in carboxymethyl cellulose solutions: phase behaviour, nanostructure, frontal solidification and hydrogel particles <u>William Sharratt</u> ¹ , Miriam Sarkis ¹ , Róisín O'Connell ¹ , Gunjan Tyagi ¹ , Sarah Rogers ² , Carlos Lopez ³ , João Cabral ¹ ¹ Imperial College London, London, UK. ² ISIS Pulsed Neutron and Muon Source, Didcot, UK. ³ RWTH Aachen	[YI08] Nanocolloidal hydrogels as a universal tool for the formation of soft matter <u>Sofia Morozova</u> ^{1,2} , Tatiana Statsenko ² , Egor Ryabchenko ³ , Albert Gevorkian ¹ , Vahid Adibnia ¹ , Maksim Lozhkin ⁴ , Alexey Kireynov ² , Eugenia Kumacheva ¹ ¹ University of Toronto, Toronto, ON, Canada. ² Bauman Moscow State Technical University National Research University of Technology, Moskva,	[YI09] Surfactant interactions with feline coronavirus <u>Helena Mateos</u> ^{1,2} , Michele Camero ¹ , Francesca Blasi ¹ , Gianvito Lanave ¹ , Cristiana Catella ¹ , Annamaria Lapenna ¹ , Antonia Mallardi ^{3,4} , Gerardo Palazzo ¹ ¹ University of Bari, Bari, Italy. ² Center for Colloid and Surface Science, Firenze, Italy. ³ National Research Council Bari Research Area, Bari, Italy. ⁴ Institute

	University, Aachen, Germany	Russia. ³ ITMO University, Sankt Peterburg, Russia. ⁴ St Petersburg University, Sankt Peterburg, Russia	for Chemical and Physical Processes National Research Council Pisa Unit, Pisa, Italy
Session Chair: Julian Eastoe, University of Bristol, UK			
18:00-19:00	[PL05] Polymerisation-Induced Self-Assembly (PISA): A platform technology for bespoke polymer colloids Steven P. Armes, University of Sheffield, UK		
19:00- 19:15	Poster Prize Giving & 2020 Darsh Wasan award presentation: Rob van Dalen, Elsevier		
19:15-22:00	Conference Dinner at The Beer Museum, Lisbon		
Wednesday – 15th June			
Session Chair: Vijay John, Tulane University School of Science and Engineering, USA			
09:00-09:30	[KEY08] 3D printing, wet spinning and cell culture applications of carbohydrate molecular hydrogels Juliette Fitremann, University of Toulouse, CNRS, France		
09:30-10:00	[KEY09] Interactions of Functional Nanoparticles with Soft Interfaces Alex Neimark, Rutgers University, USA		
10:00-10:30	[KEY10] Increasing foam stability with concentrated emulsion Anniina Salonen, Université Paris Saclay, France		
10:30-11:00	Refreshments		
Session Chair: Julian Eastoe, University of Bristol, UK			
11:00-11:30	[KEY11] Water/oil interfacial tension reduction - an interfacial entropy driven process Alberto Striolo, University of Oklahoma, USA		
11:30-12:00	[KEY12] The effect of anion architecture on the lubrication chemistry of phosphonium orthoborate ionic liquids Mark Rutland, KTH Royal Institute of Technology, Sweden		
12:00-13:00	Lunch		
Session Chair: Julian Eastoe, University of Bristol, UK			
13:00-14:00	[PL06] Carbon dots – from sensing to environmental applications and back Raz Jelinek, Ben-Gurion University of the Negev, Be'er Sheva, Israel		
14:00-14:30	Conference Closing		