| Presenter Last Name | Presenter First Name | Poster Title | Track |
|---|---|---|---|
| Boltyanskiy | Rostisalav | Distinguishing Rocks from Drops using Holographic Video Microscopy | g) Emulsions, Bubbles & Foams |
| Brambila | Carlos | Microbubble and Nanobubble Expansion using Perfluorocarbon Nanodroplets: A new Strategy for Enhanced Ultrasound Imaging and | d) Colloids & Macromolecules in Life Sciences |
| Brown VI | Martin | Self-assembly of microstructures from evaporation of volatile diluted American whiskey | c) Colloidal & Surface Forces |
| Caicedo-Casso | Eduard | A macroscale visualization technique to calculate dissolution time of polymers used in water-soluble films | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| Caparco | Adam | Medium composition and synthesis environment affects the morphology of protein-inorganic calcium-phosphate supraparticles | b) Bio-Inspired Systems |
| Chakraborty | Sourojeet | Coalescence-based wetting of a surface by an emulsion drop | c) Colloidal & Surface Forces |
| Chen | Jianzhong | Isothermal Cycles of the n-Docosanol Monolayer: Effect of Temperature & Targeted Surface Pressure | m) Particles & Molecules at Fluid Interfaces |
| Chen | Ruhui | Continuous and Scalable Synthesis of Pt Multipods with Enhanced Electrocatalytic Activity toward the Oxygen Reduction Reaction | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| Conner | Cathryn | Development of novel stability assays for protein biopharmaceuticals using time-dependent light scattering analysis | d) Colloids & Macromolecules in Life Sciences |
| Daniel | Dan | Mapping wetting variations on surfaces with piconewton force and micrometric lateral resolutions | n) Wetting & Adhesion |
| Dautel | Dylan | Engineering Recombinant Fusion Enzyme Vesicles for Biocatalysis | b) Bio-Inspired Systems |
| Davis | Cole | Impact of processing route and composition on bilge water emulsion formation and stability | g) Emulsions, Bubbles & Foams |
| Durbin | Marlow | Novel approaches towards pi-conjugated hydrogels for bioelectronics | k) General Session |
| Gomez | Javier | Collective dynamics of polarizable particles under confinement | a) Active & Responsive Matter |
| Gonzalez | Carmen | Alginate bead production by co-extrusion technology and application in ginger oil encapsulation | d) Colloids & Macromolecules in Life Sciences |
| Gonzalez | Carmen | Rheology of water in water emulsions:water-casein-pectin sytem | d) Colloids & Macromolecules in Life Sciences |
| Hamade | Fatima | Microstructure effects of self-assembled graphene/manganese oxide dispersions | e) Directed & Self-Assembly |
| Harrison | Andrew | Effect of Polymer Nanoreactor Core Material on Oxidant Availability | h) Energy, Catalysis & Separations |
| Hinton | Zachary | Equilibrium Surfactant Thermodynamics as a Function of Pressure | m) Particles & Molecules at Fluid Interfaces |
| Honnigfort | Christian | Hydroxypropyl cellulose as a green polymer for thermo-responsive aqueous foams | a) Active & Responsive Matter |
| Isakhov | Bakdaulet | Friction as a means of detecting biomolecules with ultrahigh sensitivity and specificity | d) Colloids & Macromolecules in Life Sciences |
| Izmitli | Aslin | Balancing Performance of Defoamers in Wood Coating Formulations | g) Emulsions, Bubbles & Foams |
| Jett | Margaret | Impedance spectroscopy based evaluation of phytoplankton health | d) Colloids & Macromolecules in Life Sciences |
| Joshi | Chinmay | Colloidal metal nanoparticles for catalysis. | h) Energy, Catalysis & Separations |
| Kannan | Aadithya | Interfacial behavior of monoclonal antibody-surfactant mixtures and their effect on aggregation | d) Colloids & Macromolecules in Life Sciences |
| Karimi | Zahra | Investigating the effect of surface energy of the substrate on algal attachment | d) Colloids & Macromolecules in Life Sciences |
| Lan | Tian | Impact of silicone slip/mar additives on the performance and surface characteristics of acrylic emulsion coatings | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| LAN | CHI | A comparison between water hydration behavior of materials with nonionic EO groups and zwitterionic Sulfobetaine (SB) and Carboxybetaine (CB) groups | b) Bio-Inspired Systems |

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| Lee | Jin Gyun | Electric field driven assembly and reconfiguration of active suprastructures: From micromotors to living crystals | a) Active & Responsive Matter |
| Lee | Sung Min | All-water-based solution processed Ag nanofilms for highly efficient electrocatalytic reduction of CO2 to CO | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| LI | Bingbing | Crystallization of poly(caprolactone) in Langmuir films: effects of multiple hysteresis cycles and compression rate | k) General Session |
| Li | Tzu-Han | Effect of dispersity on the conformation of polymer-grafted | k) General Session |
| Lim | Hyuneui | Effects of lubricant characteristics on wetting behavior of slippery lubricant-infused porous surfaces | n) Wetting & Adhesion |
| Lubecki | Lauren | Characterizing Hydrogels as Drug Delivery Systems to Maximize Release of Active Protein | d) Colloids & Macromolecules in Life Sciences |
| Ma | Fuduo | Effects of Key Coating Parameters on Cationic Electrodeposition Throwpower | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| Maganti | Lasya | Stability of nanoparticles in brines: effect of ligand structure and solvent shell | c) Colloidal & Surface Forces |
| Mangal | Deepak | Simulation of Nanoparticle Transport through Ordered Porous Media | k) General Session |
| Martins Amado | Juliana | Phase equilibrium of Langmuir films of a natural surfactant and its correlation with stability of cosmetic emulsions | g) Emulsions, Bubbles & Foams |
| Min | Younjin | Influence of Nanoconfinement on Geocolloidal Interactions and Relaxation Dynamics | c) Colloidal & Surface Forces |
| Okesanjo | Omotola | Capillary Foams: Properties and Applications | g) Emulsions, Bubbles & Foams |
| Ordiway | Kaitlin | The uptake and translocation of CuO nanoparticles in Arabidopsis | b) Bio-Inspired Systems |
| Parajuli | Sanjiv | Surface and interfacial interactions between cellulose nanocrystals and surfactants in brine and its implications on Pickering emulsion | g) Emulsions, Bubbles & Foams |
| Park | Ye Jin | Mechanically robust multilayered emulsion films for temperature-responsive drug delivery adhesive patches | d) Colloids & Macromolecules in Life Sciences |
| Pirone | Domenico | Visible light and thermo-trigging of new asymmetric azobenzene | a) Active & Responsive Matter |
| Pittman | Zachariah | Surface Modified Cellulose Nanocrystal Phase Behavior | b) Bio-Inspired Systems |
| Portelli | Joseph | Building Better Bubbles: Partitioning the Proteins KFF and KYF onto the Gas-Liquid Interface of Sub-Micron Sized Bubbles | m) Particles & Molecules at Fluid Interfaces |
| Rahman | Md Mahmudur | Colloid structure formation through hydrodynamic interactions near a wall in a vertically rotated confined cell | e) Directed & Self-Assembly |
| Requejo Roque | Katherinne | Increasing yield and long-term stability by using poly(vinylpyrrolidone) during synthesis of gold nanoprisms | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| Riad | Adham | Flow Behavior in a Shear Driven Highly Charged Slit Microchannel | f) Electrokinetics, Micropores & Microfluidics |
| Samaniuk | Joseph | Probing dynamics of hydrate film formation and dissociation using interfacial rheology with sub-phase exchange. | l) Jamming, Gelling & Rheology |
| Sanson | Nicolas | New direct measurement of the layer thickness of adsorbed polymer squeezed by an oil droplet | n) Wetting & Adhesion |
| Sapre | Aditya | Understanding Fundamental Interactions between Spores, Lignin Nanoparticles, Rose Petals, and Their Impacts on Fungal Infection | i) Environmental Systems & Sustainability |
| Seah | Khai Wenn | Preparation of highly concentrated monodispersed emulsion using microchannel emulsification | g) Emulsions, Bubbles & Foams |
| Seeman | Daniel | Soluble Precursors in Macromolecular Complex Fluids: Light Scattering as a High Sensitivity Technique for Characterizing Colloidal | d) Colloids & Macromolecules in Life Sciences |
| Seo | Minjeong | Reversible sol-gel transition of biocellulose nanofluids via shear stress-responsive host-guest interaction | l) Jamming, Gelling & Rheology |
| Sharma | Radhika | Development of DNAzyme-Lipid Nanostructures for Targeted Gene | d) Colloids & Macromolecules in Life Sciences |

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| Shim | Yul Hui | Reduced Viscosity of Graphene Oxide Liquid Crystal Suspension with Polymer-induced Interaction | l) Jamming, Gelling & Rheology |
| Shremshock | Mikala | Effect of nutrient matrix particle characteristics in growing media and hydroponics | i) Environmental Systems & Sustainability |
| Shremshock | Mikala | Particle characterization and affect on beer flavor profiles | d) Colloids & Macromolecules in Life Sciences |
| Stefani | Laurel | Presenting an antimicrobial peptide target for CompELS | b) Bio-Inspired Systems |
| Sun | Yueming | Electrogeneration of highly viscous droplets on demand | g) Emulsions, Bubbles & Foams |
| Tang | Christina | Sequential Delivery of Nanoparticle Drug-Cocktails for Chemotherapy | d) Colloids & Macromolecules in Life Sciences |
| Tsung | Ko-Lan | Formation and characterization of zein-based oleogel | b) Bio-Inspired Systems |
| Tsyrenova | Ayuna | Amphiphilic Janus sphere assembly mediated with surface-active | e) Directed & Self-Assembly |
| Victoria- | Jonathan | Self-Assembly of Magnetic Janus Colloids with Radially Shifted Dipoles | e) Directed & Self-Assembly |
| Visco | Angelo | Characterization of High-Viscosity Liquids Using Surface Light Scattering Spectroscopy | k) General Session |
| Xie | Minghao | Both reduction kinetics and surface capping play important roles in controlling the formation of Au@Pd concave nanocubes | j) Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond |
| Yan | Jiarui | Kinetics, ensemble dynamics, and immobilization of colloidal ellipsoids in response to electric fields | e) Directed & Self-Assembly |
| Yang | Gang | Particle tracking microrheology of cytoplasm with total internal reflection microscope (TIRM) | l) Jamming, Gelling & Rheology |
| Zhang | Tong | One-step fabrication of Pickering double emulsions and their controlled release properties | g) Emulsions, Bubbles & Foams |
| Zhang | Luo | Syntheses and catalytic applications of Ag-Rh core-frame nanocubes and Rh nanoboxes | i) Environmental Systems & Sustainability |
| Zhang | Luo | Defect-assisted deposition of Au on Ag for the fabrication of core-shell nanocubes | k) General Session |
| Zhang | Wenjing | Effect of different colloids on Fe migration in saturated porous media under variable hydrochemical and hydrodynamic conditions | i) Environmental Systems & Sustainability |
| Zhao | Zhiyuan | Effect of particle diameter and magnetic anisotropy on magnetorelaxometry and magnetic particle imaging performance of immobilized magnetite nanoparticles | a) Active & Responsive Matter |
| Zhao | Bin | Thermally Induced Worm-to-Sphere Shape Transitions of Linear Molecular Bottlebrushes in Water | k) General Session |
| Zhu | Jiawei | Efficient Water Oxidation in Acidic Media Enabled by Iridium-based Cubic Nanocages with 1.1-nm-thick Walls | h) Energy, Catalysis & Separations |