

Presenter Last Name	Presenter First Name	Poster Title	Track Letter + Poster Number: Track Name
Boltianskiy	Rostisalav	Distinguishing Rocks from Drops using Holographic Video Microscopy	G1: Emulsions, Bubbles & Foams
Brambila	Carlos	Microbubble and Nanobubble Expansion using Perfluorocarbon Nanodroplets: A new Strategy for	D1: Colloids & Macromolecules in Life Sciences
Brown VI	Martin	Self-assembly of microstructures from evaporation of volatile diluted American whiskey	C1: Colloidal & Surface Forces
Caicedo-Casso	Eduard	A macroscale visualization technique to calculate dissolution time of polymers used in water-soluble films	J1: 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	B1: Bio-Inspired Systems
Chakraborty	Sourojeet	Coalescence-based wetting of a surface by an emulsion drop	C2: Colloidal & Surface Forces
Chen	Ruhui	Continuous and Scalable Synthesis of Pt Multipods with Enhanced Electrocatalytic Activity toward the Oxygen Reduction Reaction	J2: Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond
Chen	Jianzhong	Isothermal Cycles of the n-Docosanol Monolayer: Effect of Temperature & Targeted Surface Pressure	M1: Particles & Molecules at Fluid Interfaces
Conner	Cathryn	Development of novel stability assays for protein biopharmaceuticals using time-dependent light	D2: Colloids & Macromolecules in Life Sciences
Daniel	Dan	Mapping wetting variations on surfaces with piconewton force and micrometric lateral resolutions	N1: Wetting & Adhesion
Dautel	Dylan	Engineering Recombinant Fusion Enzyme Vesicles for Biocatalysis	B2: Bio-Inspired Systems
Davis	Cole	Impact of processing route and composition on bilge water emulsion formation and stability	G2: Emulsions, Bubbles & Foams
Durbin	Marlow	Novel approaches towards pi-conjugated hydrogels for bioelectronics	K1: General Session
Gomez	Javier	Collective dynamics of polarizable particles under confinement	A1: Active & Responsive Matter
Gonzalez	Carmen	Alginate bead production by co-extrusion technology and application in ginger oil encapsulation	D3: Colloids & Macromolecules in Life Sciences
Gonzalez	Carmen	Rheology of water in water emulsions:water-casein-pectin sytem	D4: Colloids & Macromolecules in Life Sciences
Hamade	Fatima	Microstructure effects of self-assembled graphene/manganese oxide dispersions	E1: Directed & Self-Assembly
Harrison	Andrew	Effect of Polymer Nanoreactor Core Material on Oxidant Availability	H1: Energy, Catalysis & Separations
Hinton	Zachary	Equilibrium Surfactant Thermodynamics as a Function of Pressure	M2: Particles & Molecules at Fluid Interfaces
Honnigfort	Christian	Hydroxypropyl cellulose as a green polymer for thermo-responsive aqueous foams	A2: Active & Responsive Matter
Isakhov	Bakdaulet	Friction as a means of detecting biomolecules with ultrahigh sensitivity and specificity	D5: Colloids & Macromolecules in Life Sciences
Izmitli	Aslin	Balancing Performance of Defoamers in Wood Coating Formulations	G3: Emulsions, Bubbles & Foams
Jett	Margaret	Impedance spectroscopy based evaluation of phytoplankton health	D6: Colloids & Macromolecules in Life Sciences
Joshi	Chinmay	Colloidal metal nanoparticles for catalysis.	H2: Energy, Catalysis & Separations
Kannan	Aadithya	Interfacial behavior of monoclonal antibody-surfactant mixtures and their effect on aggregation	D7: Colloids & Macromolecules in Life Sciences
Karimi	Zahra	Investigating the effect of surface energy of the substrate on algal attachment	D8: Colloids & Macromolecules in Life Sciences
LAN	CHI	A comparison between water hydration behavior of materials with nonionic EO groups and zwitterionic Sulfobetaine (SB) and Carboxybetaine (CB) groups	B3: Bio-Inspired Systems
Lan	Tian	Impact of silicone slip/mar additives on the performance and surface characteristics of acrylic emulsion coatings	J3: Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond
Lee	Jin Gyun	Electric field driven assembly and reconfiguration of active suprastructures: From micromotors to living	A3: Active & Responsive Matter
Lee	Sung Min	All-water-based solution processed Ag nanofilms for highly efficient electrocatalytic reduction of CO2 to CO	J4: 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	K2: General Session
Li	Tzu-Han	Effect of dispersity on the conformation of polymer-grafted nanoparticles	K3: General Session
Lim	Hyuneui	Effects of lubricant characteristics on wetting behavior of slippery lubricant-infused porous surfaces	N2: Wetting & Adhesion
Lubecki	Lauren	Characterizing Hydrogels as Drug Delivery Systems to Maximize Release of Active Protein	D9: Colloids & Macromolecules in Life Sciences
Ma	Fuduo	Effects of Key Coating Parameters on Cationic Electrodeposition Throwpower	J5: Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond
Maganti	Lasya	Stability of nanoparticles in brines: effect of ligand structure and solvent shell	C3: Colloidal & Surface Forces
Mangal	Deepak	Simulation of Nanoparticle Transport through Ordered Porous Media	K4: General Session
Martins	Juliana	Phase equilibrium of Langmuir films of a natural surfactant and its correlation with stability of cosmetic	G4: Emulsions, Bubbles & Foams
Min	Younjin	Influence of Nanoconfinement on Geocolloidal Interactions and Relaxation Dynamics	C4: Colloidal & Surface Forces

Okesanjo	Omotola	Capillary Foams: Properties and Applications	G5: Emulsions, Bubbles & Foams
Ordiway	Kaitlin	The uptake and translocation of CuO nanoparticles in Arabidopsis thailana	B4: Bio-Inspired Systems
Parajuli	Sanjiv	Surface & interfacial interactions between cellulose nanocrystals & surfactants in brine & its implications on	G6: Emulsions, Bubbles & Foams
Park	Ye Jin	Mechanically robust multilayered emulsion films for temperature-responsive drug delivery adhesive	D10: Colloids & Macromolecules in Life Sciences
Pirone	Domenico	Visible light and thermo-triggering of new asymmetric azobenzene compounds	A4: Active & Responsive Matter
Pittman	Zachariah	Surface Modified Cellulose Nanocrystal Phase Behavior	B5: Bio-Inspired Systems
Portelli	Joseph	Building Better Bubbles: Partitioning the Proteins KFF and KYF onto the Gas-Liquid Interface of Sub-	M3: Particles & Molecules at Fluid Interfaces
Rahman	Md Mahmudur	Colloid structure formation through hydrodynamic interactions near a wall in a vertically rotated confined cell	E2: Directed & Self-Assembly
Requejo Roque	Katherinne	Increasing yield and long-term stability by using poly(vinylpyrrolidone) during synthesis of gold nanoprisms	J6: Formulation, Processing & Manufacturing on the Colloidal Length Scale and Beyond
Riad	Adham	Flow Behavior in a Shear Driven Highly Charged Slit Microchannel	F1: Electrokinetics, Micropores & Microfluidics
Samaniuk	Joseph	Probing dynamics of hydrate film formation and dissociation using interfacial rheology with sub-phase exchange.	L1: Jamming, Gelling & Rheology
Sanson	Nicolas	New direct measurement of the layer thickness of adsorbed polymer squeezed by an oil droplet- (WITHDRAWN)	N3: Wetting & Adhesion
Sapre	Aditya	Understanding Fundamental Interactions between Spores, Lignin Nanoparticles, Rose Petals, and Their Impacts on Fungal Infection	i 1: Environmental Systems & Sustainability
Seah	Khai Wenn	Preparation of highly concentrated monodispersed emulsion using microchannel emulsification	G7: Emulsions, Bubbles & Foams
Seeman	Daniel	Soluble Precursors in Macromolecular Complex Fluids: Light Scattering as a High Sensitivity Technique for Characterizing Colloidal Clusters	D11: Colloids & Macromolecules in Life Sciences
Seo	Minjeong	Reversible sol-gel transition of biocellulose nanofluids via shear stress-responsive host-guest interaction	L2: Jamming, Gelling & Rheology
Sharma	Radhika	Development of DNAzyme-Lipid Nanostructures for Targeted Gene Regulation	D12: Colloids & Macromolecules in Life Sciences
Shim	Yul Hui	Reduced Viscosity of Graphene Oxide Liquid Crystal Suspension with Polymer-induced Interaction	L3: Jamming, Gelling & Rheology
Shin	Donglee	Multiphase bee-collected pollen adhesives with rate-tunable and humidity-protective functionality (Oral Presentation Converted to Poster)	N4: Wetting & Adhesion
Shremshock	Mikala	Particle characterization and affect on beer flavor profiles (WITHDRAWN)	D13: Colloids & Macromolecules in Life Sciences
Shremshock	Mikala	Effect of nutrient matrix particle characteristics in growing media and hydroponics	i 2: Environmental Systems & Sustainability
Stefani	Laurel	Presenting an antimicrobial peptide target for CompELS	B6: Bio-Inspired Systems
Sun	Yueming	Electrogeneration of highly viscous droplets on demand	G8: Emulsions, Bubbles & Foams
Tang	Christina	Sequential Delivery of Nanoparticle Drug Cocktails for Chemotherapy (WITHDRAWN)	D14: Colloids & Macromolecules in Life Sciences
Tsung	Ko-Lan	Formation and characterization of zein-based oleogel	B7: Bio-Inspired Systems
Tsyrenova	Ayuna	Amphiphilic Janus sphere assembly mediated with surface-active molecules	E3: Directed & Self-Assembly
Victoria-	Jonathan	Self-Assembly of Magnetic Janus Colloids with Radially Shifted Dipoles	E4: Directed & Self-Assembly
Visco	Angelo	Characterization of High-Viscosity Liquids Using Surface Light Scattering Spectroscopy	K5: General Session
Xie	Minghao	Both reduction kinetics and surface capping play important roles in controlling the formation of Au@Pd concave nanocubes	J7: 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	E5: Directed & Self-Assembly
Yang	Gang	Particle tracking microrheology of cytoplasm with total internal reflection microscope (TIRM)	L4: Jamming, Gelling & Rheology
Zhang	Tong	One-step fabrication of Pickering double emulsions and their controlled release properties	G9: Emulsions, Bubbles & Foams
Zhang	Luo	Syntheses and catalytic applications of Ag-Rh core-frame nanocubes and Rh nanoboxes- (WITHDRAWN)	i 3: Environmental Systems & Sustainability
Zhang	Wenjing	Effect of different colloids on Fe migration in saturated porous media under variable hydrochemical and	i 4: Environmental Systems & Sustainability
Zhang	Luo	Defect-assisted deposition of Au on Ag for the fabrication of core-shell nanocubes	K6: General Session
Zhao	Zhiyuan	Effect of particle diameter and magnetic anisotropy on magnetorelaxometry and magnetic particle imaging performance of immobilized magnetite nanoparticles	A5: Active & Responsive Matter
Zhao	Bin	Thermally Induced Worm-to-Sphere Shape Transitions of Linear Molecular Bottlebrushes in Water	K7: General Session
Zhu	Jiawei	Efficient Water Oxidation in Acidic Media Enabled by Iridium-based Cubic Nanocages with 1.1-nm-thick	H3: Energy, Catalysis & Separations