

Find our users and Ambassadors at the APS March Meeting in Las Vegas



Oral Presentations

Session A45 March 6, 10:00am	On the absence of knock-on damage in lithium metal at cryogenic temperatures Matt Mecklenburg (UCLA)
Session D15 March 6, 3:24pm	Investigating the relationships between composition, processing, and mechanics in PEGDA-PEGMEA hydrogels Yongkui Tang (UCSB)
Session F05 March 7, 9:24am	Excluded volume tunes water diffusivity near non-polar surfaces Audra DeStefano (UCSB)
Session F16 March 7, 10:36am	Enzyme kinetics in salt resistant complex coacervate emulsions Advait Holkar (UCLA)
Session F16 March 7, 10:48am	Polymer-based, 3D printed, Syntactic Foams Maintain Modulus and Energy Dissipation Under Cyclic Loading due to Shell Buckling and Elastic Recovery Younghoon Kwon (UCSB)
Session K14 March 7, 3:24pm	Factors governing polyelectrolyte complexation in non-ideal environments Divya Iyer (UCLA)
Session K05 March 7, 5:12pm	Salt weakens intermicellar interactions and structuring in bulk solutions and foam films Samanvaya Srivastava (UCLA)
Session M15 March 8, 9:00am	Network Structure Influences Bulk Modulus of Nearly Incompressible Rubbery Polymers Megan Valentine (UCSB)
Session S11 March 9, 8:48am	Motility induced phase separation of deformable cells Austin Hopkins (UCSB)

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Oral Presentations

Session S04
March 9, 9:12pm

Single-molecule force experiments reveal effects of sequence charge on polyelectrolyte conformation
Hoang Truong (UCSB)

Session W12
March 9, 3:36pm

Unraveling the phase behavior of block copolymer materials
Christopher Bates (UCSB)

Session Y09
March 10, 9:00am

Impact of Structural Heterogeneity and Pre-shearing on the Yielding of "Pristine" Colloidal Gels
Christopher Barney(UCSB)

Session Y09
March 10, 9:48am

Induced domain transformations in polyelectrolyte complex hydrogels
Holly Senebandith (UCLA)

Session Y09
March 10, 10:00am

A colloidal model for equilibrium assembly and liquid-liquid phase separation of reflectin protein
Tse-Chiang Huang (UCSB)

Posters

Session G00
March 7, 2:00pm

Development of a high brilliance laboratory SAXS beamline at NSF BioPACIFIC MIP for high throughput in-situ structural characterization
Youli Li (UCSB)

Session N00
March 8, 11:00am

Controlling ensemble chain conformations with precise sequence patterning of polypeptoids
Shawn Mengel (UCSB)