

List of Posters

Applications & Materials

AM1 - Study of Sedimentation Behavior of Mono- and Oligo-Disperse Suspension with the MultiScan Setup

Hanih Paydar, Martin Grüßer, Michaela Laupheimer, Christian Schöttle, Thomas Sottmann

AM2 - Synthesis and characterization of nanoporous polymers and hybrid materials for heterogeneous catalytic applications

Karina Abitaev, Yaseen Qawasmi, Petia Atanasova, Joachim Bill and Thomas Sottmann.

AM3 - Magnetic Nanoparticle/Polymer Brush Composite Materials: Adsorption Behaviour and Structure

Philipp Ritzert, Dikran Boyaciyán, Larissa Braun, Olaf Soltwedel, Luca Silvi, Regine v. Klitzing.

AM4 - Iron Oxide Nanoparticles Encapsulated into Hollow Carbon Nanospindles as Sulfur Host for Lithium Sulfur Batteries

Dongjiu Xie, Shilin Mei, Zdravko Kochovski, and Yan Lu

AM5 - Impact of Nanoparticles' Surface Properties on their Physico-Chemical Behavior in Pickering Emulsions

Sebastian Stock, Annika Schlander, Dmitrij Stehl, Ariane Weber, Sandra Forg, Reinhard Schomäcker, Markus Gallei, Regine von Klitzing

AM6 - Flocculation and delayed sedimentation induced by osmotic effect in polymer free aqueous suspensions

T. Sobisch, and D. Lerche

AM7 - Effect of plasma modification on metal oxide nanoparticles - core shell structures for better and similar dispersibility – evaluation by Hansen dispersibility parameter

T. Sobisch, L. Rodriguez, D. Lerche, C. Vandenabeele, A. Usoltseva and S. Lucas

AM8 - Biodegradable Polymer Foams via Foamed Emulsions

M. Dabrowski, S. Varytimiadou, C. Stubenrauch

AM9 - Mussel-inspired stimuli-responsive PNIPAM-microgels

Sandra Forg and Regine von Klitzing

AM10 - Colloidal Micro- and Nanopropellers for Actuation through Biological Media

Tian Qiu, Florian Ralf Peter, Mariana Alarcón-Correa, Vincent Mauricio Kadiri, Zhiguang Wu, Debora Walker, Cornelia Miksch, and Peer Fischer

AM11 - Swimming Direction of Active Colloids as a Function of pH

Nikhilesh Murty, Dhruv Singh and Peer Fischer

AM12 – Structural and Dynamic Behaviour of Lyotropic Colloidal Graphene Oxide Liquid Crystals

Christina Abele, Isabelle Lorenz and Frank Gießelmann

Self & Assembly

SA1 – Sodium dodecylsulfate hydrolysis: Influence on the structure and rheological behavior of SDS-pDADMAC polyelectrolyte surfactant complexes (PESC)

Olga Kuzminskaya, Ingo Hoffmann, Daniel Clemens, Michael Gradzielski,

SA2 - Syntheses and Characterization of Hydrophobically Modified Polyacrylate Containing Block Copolymers

Özge Azeri, Dennis Schönfeld, Anja F. Hörmann, Laurence Noirez, Michael Gradzielski

SA3 - From Regular Solutions to Structured Microemulsions: Critical Fluctuations versus Amphiphilic Film Formation

Shih-Yu Tseng, Ulf Olsson, Reinhard Strey, Yun Liu, and Thomas Sottmann

SA4 - Influence of Chemical Structure and Architecture on Self-Assembly of Thermo-responsive Amphiphilic Block Copolymers

Michelle Hechenbichler, Michael Gradzielski, Cristiane Henschel, André Laschewsky, Benjamin von Lospichl and Albert Prause

SA5 - Self-Assembled Phage-Based Colloids for High Localized Enzymatic Activity

Mariana Alarcón-Correa, Jan-Philipp Günther, Jonas Troll, Vincent Mauricio Kadiri, Joachim Bill, Peer Fischer and Dirk Rothenstein

SA6 - Chemically powered colloids that self-assemble

Tingting Yu, Prabha Chuphal, Snigdha Thakur, Shang Yik Reigh, Dhruv P. Singh, and Peer Fischer

Surfactants & Polymers

SP1 - How promoting and breaking of intersurfactant H-bonds impact on foam stability

Tamara Schad, Natalie Preisig, Leandro Jacomine, Romain Bordes, Cosima Stubenrauch

SP2 - Understanding interactions in non-aqueous thin liquid films

Tetiana Orlova, Robin Bollache, Pierre Muller, Patrick Kekicheff, Natalie Preisig, Cosima Stubenrauch and Wiebke Drenckhan¹

SP3 - Foam film properties of NaPSS/C₁₄TAB-mixtures: Influence of added Salt

Kevin Gräff, Larissa Braun, Regine von Klitzing

SP4 - A combined Surface Tension / Neutron Reflectometry study of the salt impact on oppositely charged Polyelectrolyte/Surfactant-mixtures

L. Braun and Regine v. Klitzing

SP5 - Memory effects in polymer brushes showing co-nonsolvency effects

Simon Schubotz, Petra Uhlmann, Andreas Fery, Günter K. Auernhammer

SP6 - Influence of charges on the behavior of microgels at oil-water interfaces

Maximilian M. Schmidt, Steffen Bochenek, Walter Richtering

SP7 - Controlling the collapse of microgels in confinement by adsorption process

M. Friederike Schulte, Andrea Scotti, Monia Brugnoli, Steffen Bochenek, Ahmed Mourran, Walter Richtering

SP8 - Pressure Dependent Structural Evolution of Poly(*N*-isopropylacrylamide) Mesoglobules above Cloud Point

Geethu P. Meledam, Bart-Jan Niebuur, Vitaliy Pipich, Marie-Sousai Appavou, Alfons Schulte, and Christine M. Papadakis

SP9 - Thermal Behavior and Cononsolvency of the Amphiphilic Diblock Copolymers PMMA-*b*-PNIPAM and PMMA-*b*-PNIPMAM in Aqueous Solution

Chia-Hsin Ko, Cristiane Henschel, Lester C. Barnsley, Jia-Jhen Kang, André Laschewsky, Peter Müller-Buschbaum, Christine M. Papadakis

SP10 - Transparent Microparticles in Water/Sucrose Solution

Payam Payamyar

SP11 - Structural investigation on PTX-loaded poly(2-oxazoline) molecular brushes

Jia-Jhen Kang, Dan Gieseler, Lester C. Barnsley, Rainer Jordan and Christine M. Papadakis¹

SP12 - Round-robin test of a surface-modified polystyrene particle suspension based negatively charged zeta potential control

Kyriakos A. Eslahian¹