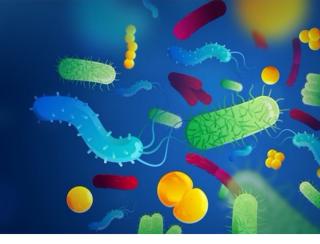


SCS Fall Meeting 2022

September 8, 2022 – 08.30-18.30h Irchel Campus, University of Zurich



Polymers, Colloids & Interfaces – G55



Morning Session, Chair: Dr. Dorina Opris

- 10:45 Leak-tight Anastomosis Hydrogel Sealants using Mutually Interpenetrating Networks [PI-011] Alexandre Anthis, ETH Zurich
- 11:15 Recycling of Waste Polypropylene into high-value Liquid Hydrocarbons [PI-013] Shibashish Devidutta Jaydev, ETH Zurich
- 11:30 Colloidal Synthesis of Size and Composition controlled alloy Nanocrystals as Selective Alkyne semihydrogenation Catalysts [PI-014]

 Jasper Clarysse, ETH Zurich
- 11:45 Increasing the Coverage of Photoactive Ligands on the Surface of Nanocrystals through a hybrid metal-oxide-Ligand Shell [PI-015]
 Philippe B. Green, EPFL Valais
- 12:00 Self-assembly of Lead halide Perovskite Nanocubes into Multicomponent Nanocrystal Superlattices [PI-016]
 Ihor Cherniukh, ETH Zurich
- 12:15 Order and Disorder in inverse Opals [PI-017]
 Jansie Smart, University of Fribourg

Afternoon Session, Chair: Dr. Paolo Arosio

- 14:30 Creating chemistry for a sustainable future in a world of change [PI-021] Olivier Enger, BASF Schweiz AG
- 15:00 Transformer-Induced Metamorphosis of Polymeric Nanoparticle Shape at Room Temperature [PI-023] Kostas Parkatzidis, ETH Zurich
- 15:15 Mechanically morphing Polymer Systems [PI-024]
 - Livius Fredy Muff, Adolphe Merkle Institute, University of Fribourg
- 15:30 Interfacial Rheology of Particles with Matching Convex and Concave Asperities [PI-025] Lukas Andreas Woolley, ETH Zurich
- 15:45 Lipidic based-gel with tunable Release Properties as a Platform for local Delivery of Biotherapeutics [PI-026]
 Simone Aleandri, University of Bern
- 16:00 Clusters of Hard-Soft Assembly for Bio-Applications [PI-027] Voichita Mihali, University of Basel





