

Swiss Soft Days @ EPFL and through Zoom

Thursday, 21.10.2021

EPFL : MED 2 1124

Time	Presenter	Title
9.30	<i>Coffee</i>	
10.00	Céline Calvino (University of Freiburg)	Dynamic Covalent Functionalization of Cellulose Nanocrystals via Sustainable Melt Processing
10.30	Umberto Capasso Palmiero (ETH)	Programmable zwitterionic droplets as biomolecular sorters and model of membraneless organelles
10.45	Jean Schoeller (EMPA St. Gallen)	Functionalization of PLGA nanofibers with chitosan/alginate polyelectrolyte complexes for controlled drug delivery
11.00	Edith Perret (EMPA St. Gallen)	Biopolymer fibers: A chance for planet earth
11.15	Ahmet Demirörs (ETH)	Amphibious Transport of Fluids and Solids by Soft Magnetic Carpets
11.30	Patrick Danner (EMPA Dübendorf)	All solvent-free synthesis and processing of dielectric elastomer transducers
11.45	Manon Marchand (University Fribourg)	Elastic storage during flow of yield stress materials
12.00	<i>Lunch and Posters</i>	
13.00	Francesco Stellacci (EPFL)	Supramolecular Antivirals
13.30	Derek Kiebla (AMI)	Deformation Signaling in Polymeric Materials <i>via</i> Supramolecular Interactions
13.45	Yang Yao (ETH)	The state of water in lipidic mesophase
14.00	Damien Renggli (ETH)	Interfacial rheology of phospholipid monolayers
14.15	Christoph John (University Basel)	Hydrogel-polymerosome composites as a multifunctional platform and their potential in monitoring food spoilage
14.30	Alvaro Charlet (EPFL)	3D printing of Recyclable Double Network Granular Hydrogels
14.45	Guido Panzarasa (ETH)	Time-Programming of Colloids and Gels with Chemical Reaction Networks
15.00	Javier Diaz Brañas (EPFL)	Anisotropic nanoparticles induce sphere-to-cylinder phase transition in block copolymer melts
15.15	Christina Glaubnitz (AMI)	Predicting the Outcome of Ultrasonication Experiments of Nanoparticles by Machine Learning
15.30	Neeru Mittal (ETH)	Transient Rechargeable Battery with a high-performance Cellulosic Separator
15.45	<i>Coffee and farewell</i>	