

Thursday, June 16th 2022

9:00 - 9:25	E. Bourgeat-Lami Visible-light photopolymerization in dispersed media: synthesis of conventional and inorganic-armored latexes	A. Herrmann Sonopharmacology and sonogenetics: remote controlling the activity of drugs, proteins and genes by ultrasound employing mechanochemistry	S. Thayumanavan Reactive self-assembly of polymers and proteins for therapeutic applications	J. Kallitsis Water-based antimicrobial polymeric coatings for air-filters	O. Rojas Renewable nanoparticles and the role of water in superstructured and multiphase materials
9:25 - 9:50	C. Boyer Seeing the light: advancing macromolecular synthesis for 3D printing and surface functionalization	C. Weder Mechanochromic polymers based on supramolecular mechanophores	C. Rodriguez-Emmenegger Combisomes: biomimetic vesicles by the self-assembly of amphiphilic comb polymers	E. Appel Polyacrylamide copolymers for improving protein formulation and preventing biofouling on medical devices	M.-P. Laborie t.b.a.
9:50 - 10:05	Y. Guillaneuf Radical ring-opening polymerization as a powerful tool to prepare degradable materials	M. Golder Advances in mechanoredox polymerization reactions	F. Adams Performance of spermine-based amphiphilic copolymers as non-viral vectors for siRNA therapy	S. Laroque Synthesis and structure-activity relationship of antimicrobial star copolymers	T. Hickman Making cellulose-based films work in high humidity
10:05 - 10:20	E. Liarou Dynamic polymer reshaping using visible light and darkness	L. Arsenie Dynamic self-assembled nucleobase copolymers in water: new stimuli-responsive platforms for future biological applications	Y. Cai Main-chain enediyne polymers: synthesis and Bergman-cyclization for DNA-cleavage and the formation of stable radicals	I. Otsuka Electrospinning of functional polysaccharide derivatives towards biomedical applications	J. Wolfs Sustainable cellulose functionalization approaches using the DMSO/DBU/CO ₂ switchable solvent system
10:20 - 10:35	M. Silverstein Advances in emulsion templating: hierarchical porosities, tough hydrogels, and encapsulation	L. Delafresnaye Microspheres from (sun)light – a sustainable materials platform	<i>Canceled</i>	P. Fernandez-Trillo Polyon complex particles to deliver antimicrobials peptides	C. Gomri Facile surface modification of cellulose nanocrystal (CNC) by physisorption.

10:35 - 11:00	Coffee break
11:00 - 11:30	Maria Vamvakaki - Main chain photodegradable polymers
11:30 - 12:00	Matthew Tirrell - Hetero-charged polymer systems in multi-valent ionic media
12:00-12:30	Award Ceremony and Conference Closure