



April 11th

TIME	TOPIC
9.00 - 9.30	Key note lecture: Foaming process of polyurethane foams
9.30 - 9.50	Using tetraPEG Hydrogels to Mimic the Properties of Mucus
9.50 - 10.10	Polyphotoacids – multi-stimuli-responsive polymers for the drug delivery applications
10.10 - 10.30	Controlled extraction emulsion polymerization as a versatile method for accessing complex particle size distributions and compositions.
10.30 - 11.00	Coffee Break
11.00 - 11.20	SAXS analysis of electronically controlled drug release hydrogels for diabetes treatment
11.20 - 11.40	Stabilization of Apolar Nanoparticle Dispersions by Molecular Additives
11.40 - 12.00	Hybrid ultrathin gold nanowire gels: formation and mechanical properties
12.00 - 13.00	Lunch
13.00 - 13.20	The impact of film thickness on the piezoresistive effect of carbon black/polydimethylsiloxane composites
13.20 - 13.40	Polymer-brush Assisted Microcontact Printing for Precise Surface Patterning
13.40 - 14.00	Bridging the Computational Gap: Sliding Window Technique Meets GCNN for Enhanced Molecular Charge Predictions
14.00 - 14.20	Growing Micrometer-Thick Films of Low-Molecular Weight Hydrogelators by Electrogelation
14.20 - 14.50	Coffee Break
14.50 - 15.10	Tailoring the inert properties of zwitterionic coatings
15.10 - 15.30	Versatile strategy for homogeneous drying of dispersed particles
15.30 - 15.50	Functional Cubosomes: Exploiting Mesoporous Colloids
15.50 - 16.10	Platinum Atomic Layer Deposition on Spray-dried SiO ₂ /Iron oxide Supraparticles: Tuning the Activity by Scaffold Texture and Intrinsic Heating Properties
16.10 - 16.30	Fully Biodegradable Polymer Cubosome Engineering: A Method for Hydrophobic Drug Encapsulation
16.30 - 17.00	Coffee Break
17.00 - 17.20	Investigation of Model Hydrogels of Increasing Complexity that Approach the Structural Features of Mucin



17.20 - 17.40	Mesoporous supraparticles with a solid-liquid-gas interface tailored towards visual indication of hydrogen gas and ammonia vapour
17.40 - 18.00	The effect of pH on the formation of gold-polythiophene nanoparticles for hybrid electrochemical sensors
18.00 - 18.20	AI-Aided Pattern Recognition as an Efficient Tool to Analyze Micrographs of Complex Nanoparticles
18.30 - 21.30	Conference Dinner