

Wednesday, May 30, 2018				
8:30 – 9:00	Prof. P. T. Hammond		Designer polypeptides for cancer therapeutics and controlled mRNA delivery	
9:00 – 9:30	Prof. S. I. Stupp		Integration of covalent and supramolecular polymers	
9:30 – 9:50	Prof. H.-A. Klok		Engineering cell surfaces with synthetic polymers	
9:50 – 10:10	Prof. R. Mezzenga		Understanding biopolymers and filamentous colloids via 2D single chain statistical polymer statistics	
10:10 – 10:40	Coffee break			
10:40 – 11:10	Prof. M. Sawamoto		Precision polymerizations and precision polymers for the 21st century	
11:10 – 11:30	Prof. K. Wooley		Utilization of the inherent stereochemical and functional diversities of natural products to produce unique biomedical materials	
11:30 – 11:50	Prof. F. Caruso		Supramolecular materials from metal-phenolic networks	
11:50 – 12:10	Prof. S. Armes		Polymerisation-induced self-assembly in aqueous media	
12:10 – 14:00	Lunch + Poster session 4			
	Main Amphitheater	Amph. F	Amph. G	Amph. H
14:00 – 14:20	M. Kamigaito Sequence regulated polymers via iterative single monomer addition and controlled polymerization	M. Stenzel Glycopolymer-based nanoassemblies – understanding the interaction between drug and polymer	U.S. Schubert Self-healing polymers using reversible metal-ligand interactions	A. Jonas Nanofibrillar patches of commensal skin bacteria made by templated layer-by-layer assembly
14:20 – 14:40	M. Meier Multicomponent reactions in polymer science: from versatile tuning of structure and properties to sequence defined macromolecules	R. Hoogenboom Thermoresponsive polymer coated gold nanoparticles	P. Woisel « Colored » multi-stimuli responsive hydrogels	S. Förster Soft quasicrystals
14:40 – 14:55	M. Pitsikalis Synthesis and characterization of polymer brushes by ring opening metathesis polymerization	M. Tibbitt Self-assembled hydrogels from polymer-nanoparticle interactions for controlled drug delivery and 3D bioprinting	A. Charlot Poly(2,3,4,5,6-pentafluorostyrene) with tailored functionalization: application to the elaboration of layer by layer self-assembly H-bonded polymer films	G. Delaittre Reactive nanopatterns through bulk phase separation of functional block copolymers
14:55 – 15:10	S. Vandewalle Efficient macromolecular coupling using triazolinediones: permanent or dynamic linking	M. Hruby Supramolecular polymer nanosystems for diagnostics and therapy	A. Bertin Upper critical solution temperature (UCST)-type thermoresponsive polymers from monomers with hydrogen bonding interactions	H. Soria-Carrera Automated fabrication of polypeptide micelles as carriers for hydrophobic drugs
15:10 – 15:25	M. Becker Magnesium catalyzed polymerization of end functionalized poly(propylene fumarate) for 3D printing of bioactive scaffolds	D. Appelhans Diffusion-controlled processes of polymeric (multi)compartments	M. Vamvakaki Aqueous solution properties of triple-stimuli reponsive block copolymers	V. Ponsinet Block copolymer based self-assembled metamaterials
15:25 – 15:40	S. Hanay Core-shell macroscopic organohydrogels from polypeptides as biomaterials	P. Guillet Amphiphilic polymers as valuable tools for membrane protein biology research	S. Schubert Preparation and application of functional polymeric nanoparticles based on poly(methacrylate)s	B. Schmidt Novel self-assemblies via double hydrophilic block copolymers in aqueous solution
15:40 – 15:55	X. Schultze Simple and versatile synthesis of alkane polyacrylate dispersions	J. Hardy Stimuli-responsive polymer-based biomaterials for biomedical applications	I. Hamley Self-assembly and bioactivity of polymer-peptide conjugates	Y. Simon Design and fabrication of mechanically stable polymersomes from mixed crosslinkable amphiphilic triblock polymers
17:45	Departure by bus for the Bordeaux vineyards			
19:00	Gala dinner at Château Lafitte			