

**Monday, May 28, 2018**

8:30 – 9:30	<i>Participants reception – On-site registrations</i>			
9:30 – 10:00	<i>Conference Opening – Welcome (Main Amphitheater)</i>			
10:00 – 10:30	Prof. K. Matyjaszewski		Electrochemically controlled radical polymerization	
10:30 – 11:00	Prof. M. Tirrell		Polyelectrolytes in multivalent ionic media: new physics and new materials	
11:00 – 11:20	Prof. R. Segalman		Using bioinspired polypeptoids to make hierarchical, chiral structures and functional surfaces	
11:20 – 11:40	Prof. R. Gross		Sub-micron thick nano-structured bacterial cellulose films: synthesis and optoelectronic properties	
11:40 – 12:00	Prof. R. M. Waymouth		Organocatalytic polymerizations: synthesis of functional materials	
12:00 – 14:00	<i>Lunch</i>			
	<i>Main Amphitheater</i>	<i>Amph. F</i>	<i>Amph. G</i>	<i>Amph. H</i>
14:00 – 14:20	<b>Z. Zhong</b> Robust degradable nanoplastomersomes for targeted tumor therapy and imaging	<b>J.F. Lutz</b> From single-chain digital polymers to organized coded matter	<b>B. Sumerlin</b> Exploiting light to push the limits of reversible-deactivation radical polymerization	<b>S. Mecking</b> Shape anisotropic polymer nanoparticles from catalytic synthesis
14:20 – 14:40	<b>J. Nicolas</b> Synthesis of degradable vinyl polymers for biomedical applications	<b>E. Drockenmüller</b> Poly(1,2,3-triazolium): functional and dynamic polymer electrolytes	<b>B. Ameduri</b> Taming RDRP of fluorinated monomers	<b>M. Save</b> Polymerization in aqueous dispersed media for the design of functional thermoresponsive poly(n-vinyl caprolactam)-based particles
14:40 – 14:55	<b>A. Heise</b> Degradable 3D printed hydrogels based on star shaped copolypeptides	<b>J. Kennemur</b> Exploring the five-carbon branch structure-property genome of precision polyolefins	<b>V. Monteil</b> Free radical polymerization of ethylene in dispersed media under moderate pressure conditions: slurry vs emulsion process	<b>A. Eissa</b> Surface functionalized emulsion-templated porous polymer matrices for enhanced 3D cell culture
14:55 – 15:10	<b>A-F. Mingotaud</b> A journey from the endothelium to tumor tissue: distinct behavior between PEO-PCL micelle and polymersome nanocarriers	<b>S. Harrison</b> Asymmetric copolymers - between block and random	<b>F. Dumur</b> Copper and iron complexes as visible light photoinitiators of polymerization: towards high efficiency, low cost and non-toxic initiators	<b>V. Ravaine</b> Emulsions stabilized by responsive microgels: principles and applications
15:10 – 15:25	<b>J. Panek</b> Fluorescence pattern decomposition as a fine tool for imaging nanoassemblies in cells	<b>G. Moriceau</b> Well-defined grafted polymers by one-pot sequential RAFT copolymerisation of styrene and maleic anhydride	<b>P. Wilson</b> Polymeric arsenicals as a new platform for functional (bio)materials	<b>A. Debuigne</b> Advanced emulsion templated porous polymers via reversible deactivation radical polymerization
15:25 – 15:40	<b>P. Gurnani</b> Probing the effect of nanoparticle rigidity on cellular uptake	<b>S. Filippov</b> Block and gradient copoly(2-oxazoline) micelles: strikingly different on the inside	<b>R. Poli</b> Organometallic Mediated Radical Polymerization of Vinylidene Fluoride	<b>M. Lansalot</b> Visible light-induced emulsion photopolymerization using water-soluble NHC-borane as initiating system
15:40 – 15:55	<b>P. Stepanek</b> Polymer nanoparticles for biomedical applications	<b>F. Bonnet</b> Cyclic vs linear polylactide : straightforward access using a single catalyst	<b>H. Sardon</b> Opportunities of N-substituted 8-membered (di)cyclic carbonates in polymer chemistry	<b>J.C. Brendel</b> Direct access to functional micelles by one-pot RAFT chemistry, PISA and click reactions
16:00 – 16:30	<i>Coffee break</i>			
	<i>Main Amphitheater</i>	<i>Amph. F</i>	<i>Amph. G</i>	<i>Amph. H</i>
16:30 – 16:50	<b>D. Gigmes</b> Light-sensitive alkoxyamines: application to material science	<b>S. Anastasiadis</b> Development of multifunctional surfaces with controllable wettability and water adhesion	<b>H. Frey</b> A general strategy for hydroxamic acid functional monomers and polymers: better than catechol?	<b>D. Mecerreyes</b> Innovative conducting polymers for (bio)electronics
16:50 – 17:10	<b>J.M. Asua</b> Controlling the morphology of multiphase polymeric nanoparticles	<b>H. Boerner</b> Enzyme triggered polymerization: what polymer science can learn from mussels	<b>M. Grinstaff</b> Poly-amido-saccharides: new polysaccharide mimetics	<b>O. Soppera</b> Light-assisted polymer surface functionalization at the micro- and nano-scale
17:10 – 17:25	<b>D. Quemener</b> Dynamic of block copolymer micelle films: self-healing, translocation and magnetic properties	<b>E. Marie</b> Mixed ad layers of poly(lysine)-based copolymers to switch on demand surface properties	<b>A. Buchard</b> Polymers from sugars and CO <sub>2</sub>	<b>R. Szweda</b> Synthesis and properties of light-emitting aromatic sequences
17:25 – 17:40	<b>S. Israel</b> Hypercrosslinking emulsion-templated polymers for hierarchical porosities	<b>H. Heuts</b> Semi-crystalline vitrimers via solid-state polymerization	<b>P. De Jongh</b> New insights into the spontaneous zwitterionic copolymerisation of cyclic imino ethers and acrylic acid	<b>R. Schneider</b> Synthesis of sequence-defined stiff oligomers for structure-activity relationship investigations
17:40 – 17:55	<b>M. Silverstein</b> Emulsion-templated polymers: superabsorbents, stimulus-response, shape memory, renewable resources, and encapsulation	<b>D. Bléger</b> Visible-light-activated polymeric materials	<b>J. Foster</b> Ring-opening metathesis polymerization-Induced self-assembly (ROMPISA) in aqueous media	<b>F. Groehn</b> Light as key to shape and function of novel polymer nano-assemblies
17:55 – 18:10	<b>M. In</b> Templating mesoporous materials by polyelectrolyte micelles: the role of water	<b>L. De Smet</b> Multi-stimuli responsive and multifunctional hydrogels	<b>R. Saint-Loup</b> Isosorbide: an interesting monomer for thermoplastics	<b>O. Bogomolova</b> Acid doping of the polyaniline oligomers: peculiarities found on oligomeric models in comparison with polyaniline
18:10 – 18:25	<b>V. Castelletto</b> Supramolecular hydrogel formation in a series of self-assembling lipidated polypeptides	<b>K. Zhang</b> Polymeric smart materials derived from polysaccharides	<b>J. Mosnacek</b> Functional polymeric materials from renewable unsaturated lactones	<b>L. Delafresnaye</b> A simple and versatile pathway for the synthesis of visible light photoreactive nanoparticles
18:30 – 21:30	<i>Welcome cocktail + Poster session 1</i>			