Tuesday, May 29, 2018

8:30 – 9:00	**Prof. C. J. Hawker**	**One-step, multi-material 3D-printing**
9:00 – 9:30	**Prof. K. Kataoka**	**Smart diagnosis and target therapy by self-assembled supramolecular nanosystems**
9:30 – 9:50	**Prof. G. Malliaras**	**Conjugated polymers in brain interfacing**
9:50 – 10:10	**Prof. A. Mueller**	**Janus nanoparticles: new syntheses and new applications**
10:10 – 10:40	*Coffee break*	
10:40 – 11:10	**Prof. L. Leibler**	**Vitrimers: principles and perspectives**
11:10 – 11:40	**Prof. M. Antonietti**	**From polymers to organic solid state chemistry: expanding electronic performance of polymer based systems**
11:40 – 12:00	**Prof. D. Haddleton**	**Sulfur free raft polymerisation and polymerisation of acrylamides in water**
12:00 – 12:20	Flash presentations by our Sponsors	
12:20 – 14:00	*Lunch + Poster session 2*	

	Main Amphitheater		*Amph. F*		*Amph. G*		*Amph. H*	
14:00 – 14:20	**L. Bouteiller**	**Supramolecular polymers as responsive and chirally amplified platforms for catalysis**	**F. D'Agosto**	**Controlled radical polymerizations of ethylene**	**O. Borisov**	Self-assembly of linear-dendritic block copolymers	**M. Dubé**	**Synthesis of cellulose nanocrystal nanocomposite adhesives via semi-batch emulsion polymerization**
14:20 – 14:35	**C. Boisson**	Controlled coordination polymerization of ethylene with neodymocene catalysts	**J. Rieger**	Influence of the RAFT agent functionality and architecture on PISA	**X. Callies**	Effects of multifunctional chains on rheology and adhesion of soft nanostructured materials	**B. Benicewicz**	Recent advances in achieving nanofiller miscibility with polyolefin matrices
14:35 – 14:50	**M. Pellizzoni**	Developing artificial metalloenzymes for biocatalytic ATRP	**H. Houck**	The remarkable photopolymerization of triazolinediones: switching chemical reaction pathways with different colors of light	**G. Vogiatzis**	Exploring the energy landscape of glassy polymers: molecular underpinnings of physical aging and response to deformation	**H. Huang**	Dually heterogeneous hydrogels via dynamic and supramolecular crosslinks tuning discontinuous spatial ruptures
14:50 – 15:05	**F. Eisenreich**	Photoswitchable catalysis to remote-control living polymerizations in-situ	**D. Collis**	Design and synthesis of neoglycopolymers mimicking hyaluronan	**A. Rissanou**	Properties of graphene based polymer nanostructured materials: a molecular dynamics study	**H.F. Yagci Acar**	Use of quantum dots as photoinitiators and production of nano-composites
15:05 – 15:20	**J. Raynaud**	From homogeneous to heterogeneous iron-catalyzed copolymerization of α-olefins	**J. Kallitsis**	Antimicrobial coatings based on quaternized ammonium copolymers	**P. Guenoun**	Phase separated structures of concentrated polymer solutions	**"Meeting with the ACS Editors" Session with :** Prof. Timothy **Deming** (Biomacromolecules), Prof. Harm-Anton **Klok** (Biomacromolecules), Prof. Zhiyuan **Zhong** (Biomacromolecules), Prof. Brent **Sumerlin** (ACS Macro Letters), Prof. Stephan **Forster** (Macromolecules) and Prof. Sébastien **Lecommandoux** (Biomacromolecules)	
15:20 – 15:35	**B. Martin Vaca**	Microphase separation of polyesters based block copolymers prepared by organo-catalyzed ROP	**C. Lefay**	Antimicrobial amphiphilic methacrylics copolymers synthesized by nitroxide-mediated polymerization	**F. Barroso-Bujans**	Cyclic polyethers with controlled orientation of the dipolar moment along the chain contour		
15:35 – 15:50	**P. Lacroix-Desmazes**	A greener pathway for the synthesis of star polymers: association of enzyme and clean solvents	**K. Kempe**	Macromolecular design of functional biocompatible materials using cyclic imino ethers "from poly(2-oxazoline)s to poly(aminoester)s"	**D. Lourdin**	Structure and film properties of high molar mass dextrans obtained by enzymatic synthesis		
16:00 – 16:30	*Coffee break*							

	Main Amphitheater		*Amph. F*		*Amph. G*		*Amph. H*
16:30 – 16:50	**C. Barner-Kowollik**	**Controlling chemical reactivity with different colors of light**	**S. Caillol**	**Sustainable polyurethanes: reactivity study and challenges of cyclic carbonates**	**J-F. Gohy**	**Advanced polymeric materials for Li-ion batteries**	16:30 - 16:39: **R. Lafleur** – Hydrogen/ deuterium exchange for kinetic studies of supramolecular polymers in water
16:50 – 17:10	**S. Perrier**	**Molecular engineering to probe the nano-bio interface**	**E. Malmström-Jonsson**	**Surface engineering of nanocelluloses by tailor-made, well-defined polymers**	**B. Voit**	**Tuning optoelectronic properties of polymers by macromolecular engineering**	16:39 - 16:48: **X.-Y. Wang** – Conjugated polymers/carbon nanotubes hybrides for water sensing 16:48 - 16:57: **P. Scholten** – Controlled radical (co)polymerisation of allylic- and vinylic monomers originating from renewable resources
17:10 – 17:25	E. Rideau	Synthesis and self-assembly of a novel phosphate amphiphilic block copolymer as cell membrane mimics	C. Scott	Lignin-derived alternative thermoplastics	I. Gunkel	Generating three-dimensional order in gyroid terpolymer films	16:57 - 17:06: **A.-H. Bonardi** – New photoinitiating systems for polymerization of methacrylates upon NIR light: a unique access to composites 17:06 - 17:15: **L. Martin** – Ampholytic pH-responsive micelles for non-viral DNA delivery
17:25 – 17:40	J.A. Pomposo	Advances in single-chain polymer nanoparticles	X. Coqueret	Lignin: a novel bio-based resist material for micro- and nano-photolithography	S. Maria	Enhanced electrochemical performance of anode for Li-ion batteries by coating with a block copolymer elastomer film	17:15 - 17:24: **D. Keskin** – Facile hydrogel coatings for silicone-based biomaterials 17:24 - 17:33: **M. J. Taublaeder** – Towards materials applications of polyimides generated by hydrothermal polymerization
17:40 – 17:55	S. Deike	Synthesis and assembly of beta-turn mimetic polymer conjugates	D. Bikiaris	Polymers from renewable resources: synthesis and properties of poly(alkylene 2,5-furandicarboxylate)s, a new class of polyesters for promising applications	M. Perego	Deterministic doping of semiconductors via self-limited grafting of phosphorus end-terminated polymers	17:33 - 17:42: **A. Kuroki** – Sequence control as a powerful tool for improving the selectivity of antimicrobial polymers 17:42 - 17:51: **D. Vinciguerra** – Heterotelechelic polymer prodrug nanoparticles for anticancer therapy
17:55 – 18: 10	M. Wehbi	Elaboration and characterization of multi-functional fluoropolymer: new opportunity for hybrid coatings	L. Billon	Terpenes-based acrylic polymers as new material	P. Rannou	Single-ion block copolymer electrolytes (SIBCPEs): 2.0 solutions for electrochemical energy storage	17:51 - 18:00: **E. Placet** – A comparative study of photolatent organic catalysts for delayed ring opening polymerization 18:00 - 18:09: **S. Lawton** – Investigating the structure-property relationship of donor-acceptor polymers in organic solar cells
18:10 – 18:25	E. Benetti	It's all about topology: the evolution of polymer brushes and their performance	K. Bernaerts	From beet root pulp to polyamides: challenges and solutions	T. Yamada	Programmed supramolecular robot for effective thermoelectric conversion	18:09 - 18:18: **I. Barbara** – Synthesis of macroporous polymers by emulsion templated step-growth polymerization
18:30 – 21:30	*Wine and cheese + Poster session 3*						