

Tuesday, Sept 16th 2014										
17:00 - 21:00	Registration									
19:00 - 21:30	Welcome Mixer									
Wednesday, Sept 17th 2014			Thursday Sept. 18th 2014			Friday Sept. 19th 2014				
Room 81	Room 51	Room 151	Room 81	Room 51	Room 151	Room 81	Room 51	Room 151		
08:00	Registration		08:00	Registration		08:00	Registration			
				Chair: B. Voit			Chair: K. Müllen	Chair: L. Tarsi		
09:00	Opening		09:00	<b>PL3 - Sigbritt Karlsson</b> Sustainable design of nanostructured polymers and nanocomposites using traditional, renewable and recycled resources		09:00	<b>K10 - Hugo Bronstein</b> Semiconducting polymers for transistors and solar cells	<b>K11 - Raffaele Mezzenga</b> Controlling magnetic properties using soft materials: Liquid-crystalline elastomer nanocomposites		
	Chair: B. Voit			Chair: C. Gao	Chair: M. Urban		Chair: S. Karlsson	Chair: T. McNally		
09:30	<b>PL1 - Craig Hawker</b> Tricking nature: Generating complex nanostructures polymeric materials through bottom-up self-assembly		09:45	<b>K7 - Eric Drockenmuller</b> Poly(1,2,3-triazolium ionic liquids): New generation of functional ion conducting materials	<b>K8 - Andrzej Dworak</b> Aggregation of thermoresponsive macromolecules	<b>K9 - Katja Loos</b> Enzymatic polymerizations – Novel ways to (new) polymer systems	09:30	<b>O60 - Thierry Darmanin</b> Superhydrophobic and superoleophobic conducting polymers with tunable surface nanofibrous structures and nanoporosity		
							<b>O64 - Pierre J. Lutz</b> Bimodal isotactic polystyrene and semicrystalline POSS hybrid materials	<b>O68 - Valérie Lison</b> Strategies for improved CNTs dispersion in thermoplastics		
10:15	Coffee Break		10:15	<b>O28 - Sourav Chakraborty</b> Synthesis of magnetic polystyrene nanoparticles using amphiphilic ionic liquid stabilized miniemulsion polymerization	<b>O30 - Joanna Raczowska</b> Temperature-responsive peptide-mimetic coating based on poly(N-methacryloyl-L-leucine): Properties, protein adsorption and cell growth	<b>O32 - Blanca Martin Vaca</b> Macromolecular engineering via organocatalyzed ring-opening (co)polymerization of lactones and carbonates	09:50	<b>O61 - Anthony Papathanassiou</b> Investigation of interfacial polarization phenomena in optically transparent semiconducting poly(3,4-ethylenedioxythiophene): Poly(4-styrene-sulfonate) films by broadband dielectric spectroscopy		
	Chair: Ch. Hawker	Chair: St. Rannard						<b>O65 - Paolo Vacca</b> Active nanocomposite for gettering application		
10:45	<b>K1 - Filip Du Prez</b> Triazolinediones as a versatile click chemistry platform enabling click and transclick reactions	<b>K2 - Chao Gao</b> Graphene-based composites and macroscopic assembled materials		<b>K3 - Majda Zigon</b> Amphiphilic block copolymers PMMA-b-P(ZnAcMMA) and PMMA-b-PMMA, synthesized by RAFT polymerization, for the preparation of UV-absorptive PMMA/ZnO nanocomposites	10:35	<b>O29 - Dirk Kuckling</b> Synthesis of temperature-sensitive star block copolymers	<b>O31 - Martin Müller</b> Nanoparticles of polyelectrolyte complexes: Preparation and biomedical applications	10:10	<b>O62 - Francesca R. Lamastra</b> Electrospun PEO/P3HT/PCBM blends for organic solar cells	
						<b>O33 - Corina Andronesco</b> New synthesis route of benzoxazine monomers from renewable resources		<b>O66 - Pawan Verma</b> Studies of lightweight polypropylene copolymer composites for EMI application		
11:15	<b>O1 - Rolf Mülhaupt</b> Isocyanate- and phosgene-free routes to green polyurethanes exploiting carbon dioxide fixation	<b>O6 - Jens Gaitzsch</b> Photo cross-linked and pH sensitive polymersomes - nanoreactor and membrane studies		<b>O11 - Laida Cano</b> Optoelectrical characterization of hybrid nanocomposites based on PS-b-PMMA diblock copolymer and both commercial and ex situ synthesized colloidal TiO2 nanoparticles	10:55	Coffee Break		10:30	<b>O63 - Lien D'Olieslaeger</b> PCDTBT:[70]PCBM blend nanoparticles for opto-electronic applications	
					Chair: A. Lederer	Chair: A. Dworak	Chair: K. Loos	10:50	Coffee Break	
11:35	<b>O2 - Eleni J. Kepola</b> Metal-end-linked polymer networks from the chelation-driven self-assembly of ABA triblock copolymers: Preparation and characterization	<b>O7 - Hannah E. Rogers</b> pH-responsive hyperbranched-polydendrons for drug delivery applications		<b>O12 - Xuan Wang</b> Self-assembled lamellar metallo-dielectric nanocomposites with strong optical anisotropy	11:25	<b>O34 - Xander K.D. Hillewaere</b> Self-healing chemistries for epoxy thermosts: Has the limit been reached?	<b>O38 - Yuhong Liu</b> Hyperbranched polyglycerol-hyaluronan hybrid: An injectable biodegradable hydrogel for controlled release	<b>O41 - Jens Mroczok</b> Empiric model for the prediction of the electrical conductivity of carbon nanotube doped fibers produced by melt spinning	11:20	<b>O72 - Sven Fleischmann</b> BASF battery materials - contribution of polymers
								<b>O76 - Anke Klingner</b> Observation of nanofiber mat formation by laser intensity measurements	<b>O80 - Rolf Mülhaupt</b> Functionalized graphene, graphene dispersions and molecular carbon composites	
11:55	<b>O3 - Anaïs Pitto-Barry</b> Cylindrical micelles based on crystallisation-driven self-assembly of polylactide-containing polymers	<b>O8 - Vanessa Zamora-Mora</b> Chitosan nanoparticles for combined drug delivery and magnetic hyperthermia treatment		<b>O13 - Andreja Eršte</b> Dielectric properties of PVDF-MoS2 nanotube composite thin films	11:45	<b>O35 - Ibon Odriozola</b> Room-temperature self-healing polymers based on dynamic sulphur chemistry	<b>O39 - Nobuyuki Higashi</b> Time-limitable hydrogels from collagen-mimetic peptides for tuning drug release	<b>O42 - Pieter Samyn</b> New concepts of interface design for cellulosic nanocomposites	11:40	<b>O73 - Karim Dahmouche</b> High performance ceramic foam-containing SPEEK membrane for direct alcohol fuel cells
								<b>O77 - Quentin Beuguel</b> Structural and rheological properties of synthetic talc/polyamide composites: Effect of polyamide matrix	<b>O81 - Aidan O'Neill</b> Polyamide 6/ graphene composites: The effect of in situ polymerisation on the structure and properties of graphene oxide and reduced graphene oxide	
12:15	<b>O4 - Lucas Montero de Espinosa</b> Minimizing complexity in the design of mechanically robust phase-segregated supramolecular polymers	<b>O9 - Ben Newland</b> Flexible polymer nanotubes as a biomaterial for nanoparticle encapsulation/delivery		<b>O14 - Petra Uhlmann</b> Nanohybrid thin films for optical sensing, catalysis and SERS applications	12:05	<b>O36 - Sébastien Livi</b> Nanostructured thermosets based on epoxy/ionic liquid blends: Preparation of new polymer electrolytes	<b>O40 - Miroslava Duskova-Smrckova</b> Swelling of polymer networks under constraints	<b>O43 - Miriam Gallur</b> Nanostructured biodegradable thermoplastic blends based on poly(l-lactide acid) and a poly(ε-caprolactone-b-l-lactide) diblock copolymer	12:00	<b>O74 - Maria Rikkou-Kalourkoti</b> Fabrication of asymmetric isoporous polymeric membranes from VPy-b-Sty diblock copolymers and their evaluation in water treatment
								<b>O78 - Jürgen Pionteck</b> Effect of the chemical structure and processing conditions on the morphology and electrical conductivity TPU/EG composites	<b>O82 - Petra Pötschke</b> Dispersion behavior of different graphene nanoplatelet materials in melt mixed composites	
12:35	<b>O5 - Dipankar Basak</b> An efficient route for preparation of telechelic poly(disulfide) and related block copolymers	<b>O10 - Andrij Pich</b> Biohybrid nanogels		<b>O15 - Bernd Bruchmann</b> Advanced materials and systems - an insight into modern industrial polymer research	12:25	<b>O37 - Carlos Alberto Castro Ruiz</b> A new hybrid MnO2/carbon nanocomposites based supercapacitor in protic ionic liquids	<b>O44 - Nuria Burgos</b> Effect of organomodified montmorillonite on the structure and properties of poly(lactide acid) films plasticized with oligomeric lactide acid	<b>O75 - Mona Abdel Rehim</b> Utilization of hyperbranched polymers in the modification of reverse osmosis membranes	12:20	<b>O79 - José Sillicani</b> Nano architecture design and simulation for rubber materials
								<b>O83 - Cristina Valles</b> Effect of the graphene size on the reinforcement of PMMA composites		
12:55	Lunch		12:45	Lunch		12:40	Lunch			

	<i>Chair: J. Kenny or B. Voit</i>			<i>Chair: F. Nanni</i>			<i>Chair: B. Voit</i>		
14:00	<b>PL2 - Marek Urban</b> Nano-engineered stimuli-responsive and self-repairing polymers			14:00	<b>PL4 - Tony McNally</b> Primary and secondary processing of composites of polymers and nanoparticles			14:00	<b>PL5 - Klaus Müllen</b> Multifunctional carbon nano-materials - from electronics to energy technologies to gene tranfection
	<i>Chair: E. Drockenmüller</i>	<i>Chair: F. Du Prez</i>	<i>Chair: H. Bronstein</i>	<i>Chair: P. Uhlmann</i>	<i>Chair: D. Kuckling</i>	<i>Chair: P. Polanowski</i>			
14:45	<b>K4 - Piotr Polanowski</b> Studies of ATRP polymerization of complex macromolecules by computer simulation based on cooperative motions concept	<b>K5 - Steve Rannard</b> Hyperbranched polydendrons: New branched dendritic-linear hybrid materials with potential tuneable biological applications	<b>K6 - Philippe Dubois</b> Polylactide/ poly(methyl methacrylate) blends: From shape memory effects to stereocomplexable materials	14:45	<b>O45 - Yong Wang</b> Highly ordered membranes with sub-50 nm uniform pores by selective swelling of block copolymers	<b>O50 - Albena Lederer</b> Biomacromolecules and biohybridsystems: The question of interaction	<b>O55 - Peter Holden</b> Probing the phase morphology of polymer blends using deuterated biopolyesters and neutron scattering or infrared microspectroscopy	14:35	<b>PL6 - Luisa Torsi</b> Ultrasensitive label-free organic bioelectronic platforms
15:15	<b>O16 - Rolando C.S. Dias</b> Development of tailored hydrogels using RAFT polymerization in continuous flow microreactor	<b>O20 - Debesh Bhattacharyya</b> Organic solvent-free nanoporous polymeric scaffolds for tissue engineering	<b>O24 - Iván Navarro-Baena</b> Shape memory behavior in PCL-PLLA based bionanocomposites reinforced with cellulose nanocrystals	15:05	<b>O46 - Andriy Horechyy</b> Functional nanocomposites prepared from self-assembled block copolymer templates	<b>O51 - Leonid Ionov</b> Biomimetic soft microorigami: Shape-programmed folding of stimuli-responsive polymer films	<b>O56 - Lukasz Jarosinski</b> Hybrid graphene nanocomposites: An effective way to enhance thermal and mechanical properties	15:10	<b>Poster Award, Closing remarks</b>
15:35	<b>O17 - Francois Potier</b> Nano-building blocks based-hybrid organic-inorganic copolymers with self-healing properties	<b>O21 - Rainer Jordan</b> Poly(2-oxazoline)s as nanocarriers for cancer therapy	<b>O25 - Matteo Farina</b> Interfaces, interphases and morphology of poly(n-butylacrylate)/ polystyrene nanoparticles obtained via miniemulsion polymerization	15:25	<b>O47 - Jing Yang</b> Nanostructuring of fluorinated copolymer films modified by ionic liquids	<b>O52 - Su Chen</b> Multiscale construction of ordered quantum-dots based advanced fluorescent polymer composites from small to large	<b>O57 - Åsa Nyflött</b> Modeling of oxygen diffusion in flake-filled polymer system		
15:55	<b>O18 - Wojciech Walach</b> Controlled branching of polyoxirane macromolecules	<b>O22 - Tanya Jacobs</b> A facile route for the rapid screening of single-nucleotide polymorphisms using an ordered array of nanoparticles on robust substrates	<b>O26 - Michele Mauri</b> Morphology and chain dynamics characterization of ethylene-butylene phase in SEBS	15:45	<b>O48 - Bastian Stöhr</b> "Easy-to-clean" Coatings: Unlocking the structure-property relationship for cleanliness	<b>O53 - Yanxia Cui</b> Absorption enhancement in plasmonic metallic nanostrips embedded polymer solar cells	<b>O58 - José M. Kenny</b> Computer simulation and experimental behaviour of thermoplastic matrix nanocomposites		
16:15	<b>O19 - Sabina Zakrzewska</b> Polypropylene / layered aluminophosphate nanocomposites synthesized by metallocene-catalyzed in situ polymerization	<b>O23 - Naatasha Isahak</b> Modified silica particles as a delivery device in biomedical applications	<b>O27 - Gerhard Maier</b> High throughput screening for thermoplastic compounds, a new tool for accelerated discovery	16:05	<b>O49 - Libor Matějka</b> Supramolecular architecture of POSS containing nanostructured polymers	<b>O54 - Sébastien Pruvost</b> Electrocaloric effect in ferroelectric polymers: How to enhance their cooling power?	<b>O59 - Antonis Gitsas</b> Possibilities and limitations of halloysite nanofillers as reinforcing material in polypropylene		
16:35	<b>Coffee Break</b>			16:25	<b>Coffee Break</b>				
16:50	<b>Poster Discussion</b>			16:40-17:50	<b>Poster Discussion</b>				
18:00	<b>Start Sightseeing</b>			18:15	<b>Bus shuttle to the Conference Dinner, beginning 19:00</b>				