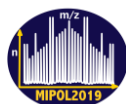


Milan Polymer Days 2019



PROGRAM

The congress presentations consist of keynote lectures (KN), invited lectures (IL) and oral communications (OC)

Monday, March 11th, 2019

11:00	REGISTRATION	
13:00	OPENING CEREMONY	
		E. Ranucci , Università di Milano (I), Congress Chair
		L. Prati , Università di Milano (I), Head of the Chemistry Department
		Chairperson: P. Ferruti , Università di Milano (I)
13:20	KN	G. Guerra , University of Naples Federico II (I). <i>Nanoporous crystalline polymers and industrial innovations</i>
14:00	IL	S.C.W. Richardson , University of Greenwich (UK). <i>The Use of Biopolymers for siRNA and Antisense Intracellular Delivery</i>
14:20	KN	N. Tirelli , Istituto Italiano di Tecnologia, Genoa (I). <i>Polysulfides as oxidation-sensitive macromolecules – Mechanisms and applications</i>
15:00	IL	P. Chmielarz , Rzeszow University of Technology (PL). <i>Electrochemically mediated atom transfer radical polymerization (eATRP)</i>
15:20	IL	M. Malinconico , Institute for Polymers, Composites and Biomaterials IPCB-CNR, Napoli-Portici (I). <i>IUPAC 100 years serving chemistry</i>
15:35	COFFEE BREAK	
		Chairperson: G. Guerra , University of Naples Federico II (I)
15:55	KN	F. Cellesi , Polytechnic University of Milan (I). <i>Macromolecular design in nanomedicine. The role of polymer architecture and functionality in overcoming biological barriers</i>
16:35	OC	D. Maggioni , Università di Milano (I). <i>Unique trafficking to the cell cytosol and to the nucleus of a luminescent linear polyamidoamine-ruthenium complex</i>
16:50	IL	F. Rossi , Polytechnic University of Milan (I). <i>Three dimensional biomimetic hydrogel to deliver factors secreted by human mesenchymal stem cells in spinal cord injury</i>
17:10	IL	T. Vermonden , Utrecht University (NL). <i>Balancing hydrophobic and electrostatic interactions in thermosensitive polyplexes for nucleic acid delivery</i>
17:30	OC	R. Cavalli , Università di Torino (I). <i>Advanced drug nanodelivery systems based on synthetic copolymers for treatment of infectious diseases</i>
17:45	OC	E. Mauri , Campus Bio-Medico di Roma (I). <i>Chemical and physical functionalization of nanogels for controlled intracellular drug release</i>
18:00	OC	R. Santoliquido , Alfatest (I). <i>Detection of single block impurities in AB block-copolymers by gel permeation chromatography and ultra high performance liquid chromatography</i>
18:15	OC	G. Risi , Università di Pavia (I). <i>Bioprintable hyaluronic acid-based hydrogels for 3D in vitro studies</i>
18:30	END of SESSION	
Tuesday, March 12th, 2019		
08:30	REGISTRATION	
		Chairperson: N. Tirelli , Istituto Italiano di Tecnologia, Genoa (I)
09:30	KN	M. Hakkarainen , Royal Institute of Technology (SE). <i>Carbon dot modified nanocomposites and hydrogels</i>
10:10	IL	D. Berti , University of Florence (I). <i>Self-assembly of lipids and block copolymers as a new route towards functional nanomaterials</i>
10:30	OC	D.R. D'hooge , Ghent University (BE). <i>How side reactions can influence poly(2-oxazoline) synthesis for polymer therapeutics and hydrogels</i>
10:45	OC	C. Parmeggiani , University of Florence (I). <i>Liquid crystalline polymers for regenerative medicine and tissue repair</i>
11:00	COFFEE BREAK	
		Chairperson: F. Cellesi , Politecnico di Milano (I)
11:20	KN	V. Khutoryanskiy , University of Reading (UK). <i>Designing novel polymeric materials for transmucosal drug delivery</i>
12:00	IL	G. Ciardelli , Politecnico di Torino (I). <i>Biomedical polyurethanes design, synthesis and processing: a (possible) success story of polymer chemistry towards the bedside</i>

12:20	KN	D.A. Schlüter , ETH Zürich (CH). <i>2D Polymers: synthesis in single crystals and on water</i>
13:00 LUNCH and POSTER SESSION		
Chairperson: M. Hakkarainen , Royal Institute of Technology (SE)		
14:10	IL	O. Monticelli , University of Genoa (I). <i>Novel formulations based on polylactic acid for biomedical applications</i>
14:30	OC	F. Lazzari , Università di Milano (I). <i>D- and L-arginine derived polyamidoamino acids and sodium deoxycholate: the importance of self-assembly in chiral recognition</i>
14:45	IL	E. Passaglia , Institute for Chemistry of Organometallic Compounds ICCOM-CNR, Pisa (I). <i>2D hybrid substrates for functional polymer-based materials</i>
15:05	IL	A. Dorigato , University of Trento (I). <i>Investigation of the physical behaviour of multifunctional polymer composites with thermal energy storage/release capability</i>
15:25	OC	M. Wortmann , Bielefeld University of Applied Sciences (DE). <i>Formation of an interpenetrating polymer network of polyurea and silicone rubber in the vacuum casting process</i>
15:40	OC	M. Coletti , TA Instruments-Waters (I). <i>Dynamic rheological characterisation of silicones for podiatry applications</i>
15:55 COFFEE BREAK		
Chairperson: V. Khutoryanskiy , University of Reading (UK)		
16:15	KN	M. Österberg , Aalto University (FI). <i>Novel functional materials from lignocellulosic polymers: surface engineering of nanoparticles and applications</i>
16:55	IL	G. Buonocore , Institute for Polymers, Composites and Biomaterials IPCB-CNR, Napoli-Portici (I). <i>Innovative materials for active packaging: Antimicrobial release from inorganic carrier embedded into polymer films</i>
17:15	IL	A.C. Boccia , Institute for macromolecular studies ISMAC-CNR, Milan (I). <i>Structural characterization of renewable natural and synthetic polymers for active applications</i>
17:35	OC	R. d'Arcy , Istituto Italiano di Tecnologia, Genoa (I). <i>Super strong enzymes. Polysulfides as sacrificial stealth components of protein conjugates</i>
17:50	OC	M. Yassin , National Research Center (EG). <i>Smart polymeric carriers tailored towards biotechnological applications</i>
18:05 END of SESSION		
19:30 SOCIAL DINNER		
Wednesday, March 13th, 2019		
Chairperson: D. N. Bikiaris , Aristotle University of Thessaloniki (GR)		
09:30	OC	T. Zou , Aalto University (FI). <i>Chitosan-coated colloidal lignin particles as novel stabilizers for Pickering emulsion</i>
09:45	OC	G. Cappelletti , Università di Milano (I). <i>Fluorine-modified polyacrylic coatings for cultural heritage protection</i>
10:00	OC	L. Migliorini , Università di Milano (I). <i>From artificial to natural-derived electroactive hydrogels: materials for soft actuation, microfluidics, biotechnology</i>
10:15	OC	J.E.K. Schawe , Mettler-Toledo AG (CH). <i>The influence of fillers and nucleating agents on polypropylene crystallization at high supercooling measured by Fast DSC</i>
10:30 COFFEE BREAK		
Chairperson: M. Österberg , Aalto University (FI)		
10:50	KN	D.N. Bikiaris , Aristotle University of Thessaloniki (GR). <i>Synthesis and properties of novel polyesters prepared from furan dicarboxylic acid and vanillic acid biobased monomers</i>
11:30	IL	M. Soccio , Università di Bologna (I). <i>Structure, dynamics and barrier performance relationship in furan-based polyesters</i>
11:50	IL	S. Guillaume , Institut des Sciences Chimiques de Rennes CNRS - Université de Rennes 1 (F). <i>Poly(hydroxyalkanoate)s (PHAs) architectures by ring-opening polymerization of functional β-lactones</i>
12:10	IL	A. Pucci , University of Pisa (I). <i>Polymers with aggregation-induced emission: a land of opportunities</i>
12:30 END of CONGRESS, BEST POSTER AWARDS and CLOSING REMARKS		