



3rd International Conference on

# Biopolymers & Polymer Chemistry

October 22-23, 2018 at Prague, Czech Republic

## Day 1 October 22, 2018

<b>08:00-09:00</b>		<b>Registrations</b>
<b>09:00-09:10</b>		<b>Introduction</b>
<b>09:10-09:30</b>		<b>Opening Ceremony</b>
<b>Plenary Session</b>		
<b>09:30-10:20</b>	<b>Title:</b> Chitosan-Based Hydrogels as Biomaterials for Controlled Release <b>Jacques Desbrieres</b> , University of Pau and Pays Adour, France	
<b>10:20-11:10</b>	<b>Title:</b> Ultra-High Loaded Polymer Micelles. From Structure-Property Relationships to Improved the Rapapeutic Efficacy <b>Robert Luxenhofer</b> , University of Wuerzburg, Germany	
<b>11:10-11:25</b>	<b>Coffee Break</b>	
<b>11:25-12:15</b>	<b>Title:</b> Making the Hospital a Safer Place by the Sonochemical Coating of all the Textiles and Medical Devices with Antibacterial Nanoparticles <b>Aharon Gedanken</b> , Bar-Ilan University, Israel	
<b>12:15-13:05</b>	<b>Title:</b> The Puzzle of Smart Polymers in Miscible Solvent Mixtures <b>Stephen Rimmer</b> , University of Bradford, UK	
<b>13:05-14:00</b>	<b>Lunch Break</b>	
<b>Keynote Session</b>		
<b>14:00-14:40</b>	<b>Title:</b> Cascade Olefin Metathesis Reactions for Polymerization <b>Tae-Lim Choi</b> , Seoul National University, Korea	
<b>14:40-15:20</b>	<b>Title:</b> Polydiacetylene (PDA)-Based Novel Strategies for Biomolecular Detection <b>Hyun Gyu Park</b> , KAIST, Republic of Korea	
<b>Invited Talks</b>		
<b>Session Chair</b>	<b>Marija Gizdavic-Nikolaidis</b> , The University of Auckland, New Zealand	
<b>Session Co-chair</b>	<b>Joanna Pietrasik</b> , Lodz Univeristy of Technology, Poland	
<b>15:20-15:50</b>	<b>Title:</b> Facile and Rapid Synthesis of Nanofibrillar Polyanilines Using Enhanced Microwave Method <b>Marija Gizdavic-Nikolaidis</b> , The University of Auckland, New Zealand	
<b>15:50-16:00</b>	<b>Break</b>	
<b>16:00-16:15</b>	<b>Coffee Break</b>	
<b>16:15-16:45</b>	<b>Title:</b> Polymerization Induced Self-Assembly as Useful Tool for Functional Materials Synthesis <b>Joanna Pietrasik</b> , Lodz Univeristy of Technology, Poland	

16:45-17:15	<b>Title:</b> Self-Assembly of Hybrid Poly(Silsesquioxanes) for Advanced Materials <b>Anna Kowalewska</b> , Centre of Molecular and Macromolecular Studies, Poland
17:15-17:45	<b>Title:</b> Cellulose Surface Modification through Adsorption of Functionalized Polysaccharides <b>Fleury Etienne</b> , INSA Lyon IMP Laboratory, France
17:45-18:15	<b>Title:</b> A New Role for Polyhydroxy Butyrate Oligomers from Endosymbiotic Methylobacterium Exorquens <b>Anna Maria Pirttilä</b> , University of Oulu, Finland
18:15-18:45	<b>Title:</b> Some Important Issues on Commercial Production of 1-D PANI Nanomaterials <b>Wang Jixiao</b> , Tianjin University, China
19:00-20:00	<b>Cocktails</b>
<b>Day 2 October 23, 2018</b>	
<b>Hall A</b>	
<b>Plenary Session</b>	
09:30-10:20	<b>Title:</b> Polysilsesquioxane Based Nanostructured Materials for Various Applications <b>Chang-Sik Ha</b> , Pusan National University, Korea
10:20-11:10	<b>Title:</b> Nanocelluloses: From hype to reality <b>Youssef Habibi</b> , Luxembourg Institute of Science and Technology, Luxembourg
11:10-11:25	<b>Coffee Break</b>
<b>Keynote Session</b>	
11:25-12:05	<b>Title:</b> A New Kinetic Monte Carlo Method of Modeling Controlled Radical Polymerization. An Efficient Way of Predicting Polymer Structure and of Optimization of Product Formation <b>Ryszard Szymanski</b> , Polish Academy of Sciences, Poland
12:05-12:45	<b>Title:</b> Lignin-Based Functional Materials <b>Youssef Habibi</b> , Luxembourg Institute of Science and Technology, Luxembourg
<b>Session 1 Invited Talks</b>	
<b>session chair</b>	<b>Jordane Jasniewski</b> , Université De Lorraine, France
<b>session co-chair</b>	<b>Shinichi Itsuno</b> , Toyohashi University of Technology, Japan
12:45-13:15	<b>Title:</b> Cinchona Alkaloid Polymers for Asymmetric Catalysis Application <b>Shinichi Itsuno</b> , Toyohashi University of Technology, Japan
13:15-14:15	<b>Lunch Break</b>
<b>Session 1 Invited Talks</b>	
14:15-14:45	<b>Title:</b> Novel Phenolic Derivatives of Pectin: Enzymatic Synthesis and Properties <b>Jordane Jasniewski</b> , University of Lorraine, France
14:45-15:15	<b>Title:</b> Electron Beam Treatment of Polylactide at Elevated Temperature in Nitrogen Atmosphere <b>Ying Huang</b> , Leibniz Institute of Polymer Research Dresden, Germany
<b>Featured Talks</b>	

<b>Session 2</b>	
<b>Biomaterials and Biopolymers; Biocomposites; Polymer Technology; Characterization of Polymers; Electrochemical Engineering</b>	
<b>session chair</b>	<b>Danuta Matykiewicz, Poznan University of Technology, Poland</b>
<b>session co-chair</b>	<b>Davide Ret, Vienna University of Technology, Austria</b>
<b>15:15-15:35</b>	<b>Title:</b> Novel Random Copolyesters Containing Ricinoleic Acid for Antibacterial Special Uses <b>Grazia Totaro, University of Bologna, Italy</b>
<b>15:35-15:55</b>	<b>Title:</b> Application of Natural Fibers in Production of Polymer-Based Composites <b>Danuta Matykiewicz, Poznan University of Technology, Poland</b>
<b>15:55-16:15</b>	<b>Title:</b> Application of Basalt Powder as a Perspective Low-Cost Waste Filler for Polymeric Composites <b>Mateusz Barczewski, Poznan University of Technology, Poland</b>
<b>16:15-16:30</b>	<b>Coffee Break</b>
<b>16:30-16:50</b>	<b>Title:</b> Chlorinated Poly(Propylene Carbonate) and its Fully Biodegradable Composite with Maize Straw <b>Wei Jiang, Changchun Institute of Applied Chemistry, China</b>
<b>16:50-17:10</b>	<b>Title:</b> Chemical Characterization of Hyaluronan Derivatives (Influence of Proton Mobility on Accuracy of DS Determination by NMR Spectroscopy) <b>Davide Ret, Vienna University of Technology, Austria</b>
<b>17:10-17:30</b>	<b>Title:</b> Multifunctional Stimuli-Responsive Systems for Sensing and Imaging <b>Loretta L. del Mercato, Nanotechnology Institute-CNR, Italy</b>
<b>17:30-17:50</b>	<b>Title:</b> Biodegradable Polymers and Natural Additives for Eco-Friendly and Bioactive Packaging Materials <b>Gabriella Santagata, Institute for Polymers, Italy</b>
<b>17:50-18:10</b>	<b>Title:</b> New Biodegradable Cationic Polymers for Versatile Biomedical Application <b>Nino Zavrashvili, Agricultural University of Georgia, Georgia</b>
<b>18:10-18:30</b>	<b>Title:</b> Multi-targeting Gene Delivery Systems for High Transfection Efficiency and Angiogenesis <b>Yakai Feng, Tianjin University, China</b>
<b>Poster Presentations</b>	
<b>P-001</b>	<b>Title:</b> Polymeric Prodrugs Based on DMAEMA/HEMA Copolymers: Synthesis and Preliminary Cytotoxicity Studies <b>Maria Kupczak, Silesian University of Technology, Poland</b>

P-002	<b>Title:</b> Ferulic Acid and Vitamin C - Studies on the Delivery of Active Substances in Micellar Carriers Based on Retinol-Functionalized Polymethacrylates
	<b>Justyna Odrobińska, Silesian University of Technology, Poland</b>
P-003	<b>Title:</b> Management of by-Products to Obtain New Functional Materials
	<b>Ewa Kopania, Institute of Biopolymers and Chemical Fibers, Poland</b>
P-004	<b>Title:</b> Enzymatic Esterification of Cellulose Fibres in Organic Solvents
	<b>Janusz Kazmierczak, Institute of Biopolymers and Chemical Fibers, Poland</b>
P-005	<b>Title:</b> Ageing Effect in Properties of a Novel Completely Green Starch-Based Composites Reinforced with Microcellulose (MCC)
	<b>Belén Montero, University of A Corunna, Spain</b>
P-006	<b>Title:</b> Nanocomposite Materials Reinforced with New Hybrid Layered Silicates-Graphene Oxide Structures
	<b>Celina Maria Damian, University Politehnica of Bucharest, Romania</b>
P-007	<b>Title:</b> Development of Waterborne Polyurethane/Acrylic Hybrid Dispersions; Comparison of Grafting and Interpenetrated Networks Methods.
	<b>Anny Catalina Ospina, University of Antioquia, Colombia</b>
P-008	<b>Title:</b> Chitosan Films as an Alternative to Non-Biodegradable Food Packaging Materials
	<b>Melina Kalagasidis Krusic, University of Belgrade, Serbia</b>
P-009	<b>Title:</b> Supercritical Carbon Dioxide for Smart Food Packaging
	<b>Marija Lucic Skoric, Innovation Center of Faculty of Technology, Serbia</b>
P-010	<b>Title:</b> Hybrid Epoxy Composites Filled with Linseed Cake and Flax Fiber
	<b>Mateusz Barczewski, Poznan University of Technology, Poland</b>
P-011	<b>Title:</b> The Composition Filled in with Almond Shell
	<b>Zulfiyya Musazade, Azerbaijan State Oil and Industry University, Azerbaijan</b>
<b>***Note: This is a Tentative Program, it is Subjected to slight changes till Final Program</b>	

4th International Conference on Biopolymers

Theme: Innovative Macro Molecular Chemistry  
July 11-12, 2019 at Las Vegas, USA

ICBPC-2019

3rd International Conference on Biopolymers

Theme: Exploring the Research Challenges

October 22-23, 2018 at Prague, Czech Republic

ICBPC-2018

& Polymer Chemistry

y for Next-Generation Polymer Materials

& Polymer Chemistry

ges and Advancements in Biopolymers and Polymer Chemistry

public.

Askerov Shahlar Gachay oglu	ashahlar@hotmail.com
Sergey Bulyarskiy	bulyar2954@mail.ru
Valery Donin	donin@iae.nsk.su
Masaharu Oshima	oshima@sr.t.u-tokyo.ac.jp
Johannes Mund	johannes.mund@tu-dortmund.de
Olivier Nguyen	ndn.olivier@gmail.com
Edik U. Rafailov	e.rafailov@aston.ac.uk
Robert F. Tournier	rctour@free.fr
Ewelina Hankiewicz	Ewelina.Hankiewicz@physik.uni-wuerzburg.de
Kohei SOGA	mail@ksoga.com
Valeri Timoshenkov	valeri04@hotmail.com
Ravil Yafarov	pirpc@yandex.ru
Valentina Lombardo	valentina.lombardo@imm.cnr.it
Daniele Spucches	daniele.spucches@hotmail.it
Badriyah Alhalaili	balhalaili@ucdavis.edu
Rosaria Puglisi	rosaria.puglisi@imm.cnr.it
Mahmoud El-Sherif	melsherif@photonicslabs.com
Jordi Soler Penades	jsp1a15@soton.ac.uk
Christopher G. Bailey	cgbailey@odu.edu
Setsuhisa Tanabe	tanabe.setsuhisa.4v@kyoto-u.ac.jp
Mohamed Benyoucef	m.benyoucef@physik.uni-kassel.de
Philippe Galy	philippe.galy@st.com
Satoshi Fujii	fujii.s.ap@m.titech.ac.jp
Viktor Schlosser	viktor.schlosser@univie.ac.at
Mineo Hiramatsu	mnhrmt@meijo-u.ac.jp

Mohamed Missous	m.missous@manchester.ac.uk
Igor K. Meshkovskiy	igorkm@niuitmo.ru
Terry Yuan-Fang Chen	ctyf@mail.ncku.edu.tw
sj xu	sjxu@hku.hk
Huiyun Liu	huiyun.liu@ucl.ac.uk
Damien RIEDEL	damien.riedel@u-psud.fr
Abdallah Ougazzaden	abdallah.ougazzaden@georgiatech-metz.fr
Nikolay N. Gerasimenko	<a href="mailto:rmta@miee.ru">rmta@miee.ru</a>
Mahi R. Singh	msingh@uwo.ca





Poster/ **Invited Talk**

Poster

Workshop

Oral (Invited)

Oral (Invited)

Oral (Invited)

Keynote

Oral (Invited)

Oral (Invited)

Oral

Poster

Poster/ **Invited Talk**

Oral

Poster

Poster

Oral/ Session Chair

Plenary

Oral

Oral (Invited)

Keynote

Oral (Invited)

Oral (Invited)

Oral (Invited)

Oral (Invited)

Oral (Invited)

Plenary

**Keynote**

Keynote

**Keynote**

**Keynote**

**Keynote**

Plenary

Plenary

**Plenary**

Semiconductor Devices

Poster

Workshop

Semiconductor Devices

Optical Physics

Nanotechnology for Energy and the Environment

Laser Diodes, Keynote

Condensed Matter Theory

Condensed Matter Theory

Optical Imaging

Given only one abstract, Nanoelectronics, Poster

Given only one abstract, Nanoelectronics, Oral

Nanostructures

Poster

Poster

Nanostructures

Plenary Photonics

Nanophotonics and Optics

Semiconductor Devices

Optoelectronics

Semiconductor Devices

Semiconductor devices

Electron devices and applications

Photoelectric Effect

Carbon: Nano tubes and Graphene, Nanostructures





