

# PROGRAM

## Tuesday, May 12, 2015

### Session Polymer Chemistry

Toscana Congress Center, [Johann Orth Hall](#)

Time	Speaker		Title of Abstract
09:00-09:40	<b>Christian Slugovc</b>	Keynote 7 (Chair: Brigitte Voit)	EMULSION TEMPLATED MACROPOROUS POLYMER FOAMS PREPARED BY RING-OPENING METATHESIS POLYMERIZATION
09:40-10:00	<b>Mária Omastová</b>	Lecture C1 (Chair: Brigitte Voit)	CONDUCTING COMPOSITES WITH POLYPYRROLE AND THEIR APPLICATION
10:00-10:20	<b>Anne Linhardt</b>	Lecture C3 (Chair: Brigitte Voit)	ENZYMATICALLY AND HYDROLYTICALLY DEGRADABLE POLYPHOSPHAZENE DRUG CARRIERS
10:20-11:00	<b>Coffee Break</b>		
11:00-11:20	<b>Sandra Orman</b>	Lecture C4 (Chair: Igor Lacík)	BIOCOMPATIBLE PHOTOPOLYMER COMPOSITES FOR POTENTIAL BONE REPLACEMENTS
11:20-11:40	<b>Klaus Peter Luef</b>	Lecture C5 (Chair: Igor Lacík)	COPOLY(ESTER 2-OXAZOLINE)S AS NOVEL DRUG DEPOTS
11:40-12:00	<b>Helena Henke</b>	Lecture C6 (Chair: Igor Lacík)	DEGRADABLE POLYPHOSPHAZENES WITH VARIABLE DIMENSIONS AND FUNCTIONALIZED CHAIN-ENDS: FROM SYNTHESIS TO MEDICAL APPLICATIONS
12:00-13:00	<b>Lunch Break</b>		
13:00-13:20	<b>Miriam Unterlass</b>	Lecture C7 (Chair: Ema Žagar)	HYDROTHERMAL POLYMERIZATION: TOWARDS HIGHLY CRYSTALLINE HIGH-PERFORMANCE POLYMERS
13:20-13:40	<b>Bhawna Kulshreshtha</b>	Lecture C8 (Chair: Ema Žagar)	SYNERGISTIC EFFECT OF SLIP AND NUCLEATING AGENT IN MULTIMODAL HIGH DENSITY POLYETHYLENE
13:40-14:00	<b>Thomas Höchfurtner</b>	Lecture C10 (Chair: Ema Žagar)	CONTROLLING POLYOLEFIN PROPERTIES BY INDUSTRIALLY RELEVANT REACTOR CONDITIONS
14:00-14:20			
14:20-15:00	<b>Coffee Break</b>		
15:00-15:20	<b>Patrick Knaack</b>	Lecture C11 (Chair: Juraj Kosek)	POSTMODIFICATION OF EPOXYFUNCTIONALIZED POLYOLEFINES
15:20-15:40	<b>Manuela List</b>	Lecture C12 (Chair: Juraj Kosek)	INFLUENCE OF DIFFERENT CATALYSTS ON THE PREPARATION OF VINYLMELAMINE-ETHYLENE-COPOLYMERS
15:40-16:00			
16:00-16:20			
16:20-19:00	<b>Time for discussions / Time to refresh / Transfer to hotel</b>		
19:00	<b>Conference Dinner at the Tosca Center (Toscana Hall)</b>		

# PROGRAM

Tuesday, May 12, 2015

## Session Polymer Characterization

Toscana Congress Center, [Toscana Hall](#)

Time	Speaker		Title of Abstract
09:00-09:40	<b>Robert Brüll</b>	Keynote 8 (Chair: Sabine Hild)	MULTIDIMENSIONAL HIGH TEMPERATURE LIQUID CHROMATOGRAPHY
09:40-10:00	<b>Sandrine Olivier</b>	Lecture A1 (Chair: Sabine Hild)	ANALYSIS OF PLGA MOLECULAR WEIGHT AND STRUCTURE BY THE LATEST ADVANCED MULTI-DETECTOR GPC SYSTEMS
10:00-10:20	<b>Alfréd Menyhárd</b>	Lecture A2 (Chair: Sabine Hild)	DIRECT CALCULATION WAY OF ELASTIC MODULUS FROM THE PARAMETERS OF CRYSTALLINE STRUCTURE
10:20-11:00	<b>Coffee Break</b>		
11:00-11:20	<b>Milan Kracalik</b>	Lecture (Chair: Sabine Hild)	RHEOLOGY OF MULTIPHASE POLYMERIC SYSTEMS
11:20-11:40	<b>Adrian Hill</b>	Lecture A4 (Chair: Sabine Hild)	USING OPTICAL MICRORHEOLOGY AND MICROFLUIDIC FLOWS TO EXTEND THE RHEOLOGICAL CHARACTERIZATION OF POLYMER-BASED COMPLEX FLUIDS INTO HIGH FREQUENCY AND HIGH SHEAR RATE REGIMES
11:40-12:00			
12:00-13:00	<b>Lunch Break</b>		
13:00-13:40	<b>Béla Pukánszky</b>	Keynote 10 (Chair: Christian Klampfl)	FRACTURE RESISTANCE OF WOOD REINFORCED MULTICOMPONENT PP COMPOSITES
13:40-14:00	<b>Christoph Burgstaller</b>	Lecture A5 (Chair: Christian Klampfl)	INFLUENCE OF FORMULATION PARAMETERS ON THE PROPERTIES OF PARTIALLY CONSOLIDATED COMMINGLED FIBRE NON-WOVENS
14:00-14:20	<b>Alexandra Eder</b>	Lecture A6 (Chair: Christian Klampfl)	DYE ABSORPTION AND DEGRADATION IN TiO <sub>2</sub> -PIGMENTED THERMOSET TOPCOATS
14:20-15:00	<b>Coffee Break</b>		
15:00-15:20	<b>Katharina Bruckmoser</b>	Lecture A7 (Chair: Béla Pukánszky)	MORPHOLOGICAL CHARACTERISATION OF POLY(LACTIC ACID) STAPLE FIBRES BY RAMAN SPECTROSCOPY AND DIFFERENTIAL SCANNING CALORIMETRY
15:20-15:40	<b>Philipp Nothdurft</b>	Lecture A8 (Chair: Béla Pukánszky)	AMINO FUNCTIONAL POLYMER AS INTERCONNECTING LAYER IN COPPER/EPOXY LAMINATES
15:40-16:00	<b>Martina Podivinská</b>	Lecture A9 (Chair: Béla Pukánszky)	SWELLING OF POLYETHYLENE PARTICLES AND ITS EFFECT ON SORPTION EQUILIBRIA
16:00-16:20	<b>Falk-Thilo Ferse</b>	Lecture A10 (Chair: Béla Pukánszky)	RAPID, SIMPLIFIED ANALYSIS AND DATA INTERPRETATION OF POLYMER MIXTURES USING MALDI-IMMS
16:20-19:00	<b>Time for discussions / Time to refresh / Transfer to hotel</b>		
19:00	<b>Conference Dinner at the Toscano Center (Toscana Hall)</b>		



# PROGRAM

## Tuesday, May 12, 2015

### Session Polymer Conversion

Toscana Congress Center, [Villa Toscana Room 1](#)

Time	Speaker		Title of Abstract
09:00-09:40	<b>Gerald Berger</b>	Keynote 9 (Chair: Károly Renner)	ADVANCED MANUFACTURING SYSTEM FOR FLEXIBLE PRODUCTION IN PLASTICS INJECTION MOULDING
09:40-10:00	<b>Markus Gahleitner</b>	Lecture O1 (Chair: Károly Renner)	INDUSTRIAL RELEVANCE AND CONTROLLED GENERATION OF THE MESOMORPHIC PHASE OF ISOTACTIC POLYPROPYLENE
10:00-10:20	<b>Manuel Längauer</b>	Lecture O2 (Chair: Károly Renner)	INFLUENCE OF POLYPROPYLENE PELLET SHAPE ON THE BULK DENSITY AND THE TRIBOLOGICAL BEHAVIOR
10:20-11:00	<b>Coffee Break</b>		
11:00-11:20	<b>Keyan Liu</b>	Lecture O3 (Chair: Gerrit Peters)	INVESTIGATION OF TALC TREATMENT ON RHEOLOGICAL BEHAVIOUR AND MECHANICAL PROPERTIES OF TALC FILLED POLYPROPYLENE
11:20-11:40	<b>Antonis Gitsas</b>	Lecture O4 (Chair: Gerrit Peters)	POSSIBILITIES AND LIMITATIONS OF HALLOYSITE NANOFILLERS AS REINFORCING MATERIAL IN POLYPROPYLENE
11:40-12:00	<b>Christoph Kneidinger</b>	Lecture O10 (Chair: Gerrit Peters)	MODELING OF LONGITUDINAL AND TRANSVERSAL MIXING FOR SINGLE SCREW PLASTICATING EXTRUDER
12:00-13:00	<b>Lunch Break</b>		
13:00-13:40	<b>Clemens Holzer</b>	Keynote 11 (Chair: Gernot Zitzenbacher)	THE PECULIARITIES OF FLOW BEHAVIOR OF FILLED POLYMER MELTS AND IMPORTANCE FOR INJECTION MOLDING SIMULATION
13:40-14:00	<b>Michael Jerabek</b>	Lecture O5 (Chair: Gernot Zitzenbacher)	MATERIAL CHARACTERIZATION AND MODELLING IN THE DEVELOPMENT OF AN ADVANCED POLYPROPYLENE GRADE FOR INFRASTRUCTURE APPLICATIONS
14:00-14:20	<b>Ralf Kneidinger</b>	Lecture O6 (Chair: Gernot Zitzenbacher)	HIGH-PERFORMANCE PIPE SYSTEMS VIA SOLID-STATE DIE-DRAWING
14:20-15:00	<b>Coffee Break</b>		
15:00-15:20	<b>Enrico Troisi</b>	Lecture O7 (Chair: Clemens Holzer)	IN-SITU SAXS ON FILM BLOWING OF LOW-DENSITY POLYETHYLENES: FROM STRUCTURE FORMATION TO PROPERTIES
15:20-15:40	<b>Martin van Drongelen</b>	Lecture O8 (Chair: Clemens Holzer)	CHARACTERIZATION OF THE PRIMARY AND SECONDARY CRYSTALLIZATION KINETICS OF A LINEAR LOW-DENSITY POLYETHYLENE IN QUIESCENT- AND FLOW CONDITIONS
15:40-16:00	<b>Ali Gooneie</b>	Lecture O9 (Chair: Clemens Holzer)	EFFECT OF CHAIN LENGTH ON THE RHEOLOGY OF DISSIPATIVE PARTICLE DYNAMICS MODELS OF POLYMER FLUIDS
16:00-16:20			
16:20-19:00	<b>Time for discussions / Time to refresh / Transfer to hotel</b>		
19:00	<b>Conference Dinner at the Toscane Center (Toscana Hall)</b>		

# PROGRAM

Tuesday, May 12, 2015

## Session Polymers & Sustainability

Toscana Congress Center, [Villa Toscana Room 2](#)

Time	Speaker	Title of Abstract
09:00-09:20	<b>Blanca Maria Lekube</b> Lecture S1 (Chair: Gernot Wallner)	THE INFLUENCE OF REPROCESSING ON THE PROPERTIES OF BIOPLASTIC MATERIALS
09:20-09:40	<b>Ivana Burzic</b> Lecture S2 (Chair: Gernot Wallner)	THE EFFECT OF CELLULOSE FIBERS AND TALC ON THE CRYSTALLIZATION KINETICS OF POLYLACTIC ACID
09:40-10:00	<b>Andreas Mautner</b> Lecture S3 (Chair: Gernot Wallner)	NANOCELLULOSE PAPERS FOR MEMBRANE OPERATIONS
10:00-10:20		
10:20-11:00	<b>Coffee Break</b>	
11:00-11:20	<b>Kerstin Wallisch</b> Lecture S4 (Chair: Christian Slugovc)	RIGID POLYURETHANE FOAMS FROM TAILORED LIGNIN POLYOLS
11:20-11:40	<b>Frank Wiesbrock</b> Lecture S5 (Chair: Christian Slugovc)	PHOTORESISTS FROM RENEWABLE RESOURCES
11:40-12:00	<b>Zuzana Tomášiková</b> Lecture S6 (Chair: Christian Slugovc)	HYALURONIC ACID BASED HYDROGELS FOR TWO PHOTON LITHOGRAPHY
12:00-13:00	<b>Lunch Break</b>	
13:00-13:20	<b>Zucong Zhang</b> Lecture S7 (Chair: )	MODEL STUDY OF BADGE-BASED EPOXY RESIN ADHESIVES
13:20-13:40	<b>Bothaina Abd El-Hady</b> Lecture S8 (Chair: Andreas Meinecke)	IN-VIVO GELATIN SILVER ELECTROSPUN NON-WOVEN MATS CONTAINING SILVER NANO-PARTICLES FOR WOUND HEALING AND SKIN REGENERATION
13:40-14:00	<b>Daniel Bomze</b> Lecture S9 (Chair: Andreas Meinecke)	CATIONIC FRONTAL POLYMERIZATION FOR THE PRODUCTION OF ELECTRICAL INSULATING MATERIALS
14:00-14:20		
14:20-15:00	<b>Coffee Break</b>	
15:00-15:20		
15:20-15:40		
15:40-16:00		
16:00-16:20		
16:20-19:00	<b>Time for discussions / Time to refresh / Transfer to hotel</b>	
19:00	<b>Conference Dinner at the Toscane Center (Toscana Hall)</b>	