

# PROGRAM

Wednesday, May 13, 2015

## Session Polymer Chemistry

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

Time	Speaker	Title of Abstract
09:00-09:20	<b>Christina Wappl</b> Lecture C13 (Chair: Mária Omastová)	FOLLOWING POLYMERISATION REACTIONS VIA A THERMAL CAMERA: DIFFERENTIATING BETWEEN BULK EFFECTS; HEAT DISSIPATION AND OXYGEN INHIBITION
09:20-09:40	<b>Konstanze Seidler</b> Lecture C14 (Chair: Mária Omastová)	THE INFLUENCE OF ADDITION-FRAGMENTATION-CHAIN-TRANSFER ON MECHANICAL PROPERTIES OF METHACRYLATE NETWORKS
09:40-10:00	<b>David Pahovnik</b> Lecture C15 (Chair: Mária Omastová)	RING-OPENING POLYMERIZATION OF VARIOUS HETEROCYCLIC MONOMERS USING ORGANIC CATALYSTS
10:00-10:20	<b>Stephan Benedikt</b> Lecture C16 (Chair: Mária Omastová)	BENZOYL PHENYLTELLURIDE AS HIGHLY REACTIVE TERP-REAGENT FOR VISIBLE LIGHT INDUCED CONTROLLED RADICAL POLYMERIZATION
10:20-11:00	<b>Coffee Break</b>	
11:00-11:20	<b>Claudia Dworak</b> Lecture C17 (Chair: Manuela List)	SYNTHESIS OF AMPHIPHILIC BLOCK COPOLYMERS VIA A COMBINATION OF RAFT POLYMERIZATION AND ROP
11:20-11:40	<b>Paul Gauss</b> Lecture C18 (Chair: Manuela List)	TUNING $\beta$ -ALLYL SULFONES AS CHAIN TRANSFER AGENTS IN DIMETHACRYLIC PHOTOPOLYMERS
11:40-12:00	<b>Nóra Hegyesi</b> Lecture C19 (Chair: Manuela List)	ATTACHMENT OF POLY(METHYL METACRYLATE) TO LAPONITE FOR THE PREPARATION OF PMMA/LAYERED SILICATE NANOCOMPOSITES
12:00-12:20	<b>Nermine Refiny</b> Lecture C20 (Chair: Manuela List)	POROUS MEMBRANE MODIFIER AS A NEW TREND FOR DEOILING PROCESS
12:20-13:00	<b>Lunch Break</b>	
13:00-13:20	<b>Werner Paschinger</b> Lecture C21 (Chair: Oliver Brüggemann)	DEPENDENCE OF THE MacMULLIN NUMBER ON THE POROUS MICROSTRUCTURE OF IN SITU ELECTROLYTE FILLED polyHIPEs
13:20-13:40		
13:40-14:00		
14:00	<b>Official Closing</b>	

# PROGRAM

Wednesday, May 13, 2015

## Session Polymer Characterization

Toscana Congress Center, [Toscana Hall](#)

Time	Speaker	Title of Abstract
09:00-09:20	<b>Davide Ret</b> Lecture A11 (Chair: Christoph Burgstaller)	STRUCTURE OF HYALURONAN IN ORGANIC SOLUTION
09:20-09:40	<b>Helena Švajdlenková</b> Lecture A12 (Chair: Christoph Burgstaller)	MICRO STRUCTURAL PALS STUDY OF DIMETHACRYLATE NETWORKS
09:40-10:00	<b>Andrea Klein</b> Lecture A13 (Chair: Christoph Burgstaller)	NANOCOMPOSITE HYDROGELS – TOWARDS UNDERSTANDING ORIGINS OF EXTRAORDINARY HIGH FRACTURE TOUGHNESS
10:00-10:20	<b>Karin Niederwimmer</b> Lecture A14 (Chair: Christoph Burgstaller)	ANALYSIS OF MAIN FAILURE PATTERNS IN SANDWICH-STRUCTURED COMPOSITE MATERIALS USING DISCRETE FOURIER TRANSFORMATION
10:20-11:00	<b>Coffee Break</b>	
11:00-11:20	<b>Gerald Pilz</b> Lecture A15 (Chair: Robert Brüll)	EFFICIENT TEST METHODOLOGY FOR MECHANICAL CHARACTERIZATION OF STRUCTURAL POLYMERS UNDER MEDIA INFLUENCE
11:20-11:40	<b>Enrico Putzke</b> Lecture A16 (Chair: Robert Brüll)	POLYMERMODIFIERS IN MELT SPUN THERMOPLASTIC FIBERS AN APPROACH OF CHARACTERIZATION MECHANICAL IMPACT
11:40-12:00	<b>Ute Schmidt</b> Lecture A17 (Chair: Robert Brüll)	THE POWER OF CONFOCAL RAMAN-AFM IMAGING IN POLYMER RESEARCH
12:00-12:20	<b>Sandra Seichter</b> Lecture A18 (Chair: Robert Brüll)	MEASUREMENT SET-UP TO INVESTIGATE THE CRACK NUCLEATION AND CRACK GROWTH APPROACH FOR THE ESTIMATION OF THE FATIGUE LIFE OF RUBBER
12:20-13:00	<b>Lunch Break</b>	
13:00-13:20	<b>Marian Valentin</b> Lecture A19 (Chair: Christian Paulik)	NANOINDENTATION AND ITS APPLICATION FOR THE STUDY OF NANOMECHANICAL PROPERTIES OF PLASMA TREATED POLY(LACTIC ACID) SAMPLES WITH DIFFERENT CRYSTALLINITY
13:20-13:40	<b>Roman Tiefenthaller</b> Lecture A20 (Chair: Christian Paulik)	THERMAL AGING BEHAVIOUR OF WATER- & SOLVENT-BORNE EPOXIDE ADHESIVES
13:40-14:00	<b>Thomas Köpplmayr</b> Lecture A21 (Chair: Christian Paulik)	INKJET PRINTING OF POLYLACTIDE ON SUBSTRATES PREPARED BY FUSED DEPOSITION MODELING AND ITS POTENTIAL FOR SELECTIVE SURFACE FINISHING
14:00	<b>Official Closing</b>	



# PROGRAM

Wednesday, May 13, 2015

## Session Polymer Conversion

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

Time	Speaker	Title of Abstract
09:00-09:40	<b>Juraj Kosek</b> Keynote 12 (Chair: Markus Gahleitner)	FORMATION AND DISTRIBUTION OF RUBBERY PHASE IN HIGH IMPACT POLYPROPYLENE PARTICLES
09:40-10:00	<b>Christian Kneidinger</b> Lecture O11 (Chair: Markus Gahleitner)	WEAR RESISTANCE OF SCREW AND MOLD MATERIALS AND PVD COATINGS FOR POLYMER PROCESSING
10:00-10:20	<b>Alexander Lepschi</b> Lecture O12 (Chair: Markus Gahleitner)	EXPERIMENTAL CHARACTERIZATION OF MEASURING MIXER DATA FOR THE EXTRUSION OF THERMOSETS
10:20-11:00	<b>Coffee Break</b>	
11:00-11:20	<b>Stephan Schuschnigg</b> Lecture O13 (Chair: Gerald Berger)	SIMULATION AIDED TWIN SCREW OPTIMIZATION FOR POLYMER NANOCCLAY COMPOSITES
11:20-11:40	<b>Abdelhamid Mostafa</b> Lecture O14 (Chair: Gerald Berger)	INFLUENCE OF CHAIN EXTENDER AND IMPACT MODIFIER ON THE RHEOLOGICAL AND MECHANICAL BEHAVIOR OF CHEMICALLY FOAMED POLY(LACTIC ACID) COEXTRUDATES
11:40-12:00	<b>Benjamin Nagl</b> Lecture O15 (Chair: Gerald Berger)	ELECTRICAL PROPERTIES OF ALUMINIUM SPUTTERED THIN FILMS ON POLYMERS AND GLASS
12:00-12:20	<b>Dietmar Roth</b> Lecture O16 (Chair: Gerald Berger)	RBS ANALYSIS OF THIN ZN FILMS ON POLYSTYRENE AND GLASS
12:20-13:00	<b>Lunch Break</b>	
13:00-13:20		
13:20-13:40		
13:40-14:00		
14:00	<b>Official Closing</b>	