

*** Program at a Glance**

Date / Time	June 7 (Sun)	June 8 (Mon)	June 9 (Tue)	June 10 (Wed)	June 11 (Thu)
8:00-8:30		Registration	Registration	Registration	Registration
8:30-10:10		Opening ceremony (8:30-8:50)	Plenary lecture 3 (8:30-9:10)	Plenary lecture 5 (8:30-9:10)	[8:30-10:20] - Keynote lectures & Oral sessions
		Plenary lecture 1 (8:50-9:30)	Plenary lecture 4 (9:10-9:50)	Plenary lecture 6 (9:10-9:50)	
10:10-12:00	PPS Executive Committee (9:30-12:00 / SAMDA B)	Plenary lecture 2 (9:30-10:10)	Break (20 min) (9:50-10:10)	Break (20 min) (9:50-10:10)	
		Break (20 min) 10:10-10:30	[10:10-12:00] - Keynote lectures & Oral sessions	[10:10-12:00] - Keynote lectures & Oral sessions	
		[10:30-12:00] - Keynote lectures & Oral sessions			Break (20 min) (10:20-10:40)
					[10:40-12:10] - Keynote lectures & Oral sessions
12:00-13:30		Lunch	- Lunch - IPP & PPP Editorial Boards (201)	- Lunch - PPS Business Meeting (Ocean View)	Lunch (11:50-13:30)
13:30-15:40	PPS Executive Committee & Representative Meeting (13:30-18:00 / SAMDA B)	[13:30-15:20] - Keynote lectures & Oral sessions	Poster sessions 1 13:30-14:30	Poster sessions 2 13:30-14:30	Plenary lecture 7 (13:30-14:10)
		Break (20 min) (15:20-15:40)	[14:30-16:20] - Keynote lectures & Oral sessions	[14:30-16:20] - Keynote lectures & Oral sessions	Plenary lecture 8 (14:10-14:50)
15:40-18:10	Registration (16:00-18:00)	[15:40-17:50] - Keynote lectures & Oral sessions	Break (20 min) (16:20-16:40)	Break (20 min) (16:20-16:40)	Closing ceremony (Raffle Prize 14:50-15:10)
			[16:40-18:10] - Keynote lectures & Oral sessions	[16:40-18:10] - Keynote lectures & Oral sessions	
18:10-20:30	Welcome reception (18:00-19:30 / Ocean View)			Break (20 min) (18:10-18:30)	
				Banquet (18:30-20:30 / TAMNA B)	

Date/Time	June 8 (Mon)									
8:00-8:30	Registration									
8:30-8:50	Opening Ceremony									
8:50-9:30	[PLO1] Fractal Structuring <i>Han Meijer (Eindhoven University of Technology, The Netherlands)</i>									
9:30-10:10	[PLO2] Innovation and Development on Polymer Plasticating and Conveying Technology <i>Jirong Qu (South China University of Technology, China)</i>									
10:10-10:30	Break (20 min)									
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B		
Session	G8. Polymer Nanostructures & Nanocomposites	G11. Polymer Composites	G10. Modelling and Simulation		G6. Morphology and Structural Development	G7. Films and Fibers	S1. Advanced Coating/Printing Technology	G13. Advanced Polymer Materials		
Chair	Satish Bhattacharya Seong Hun Kim	Mathias Graf	See Jo Kim Evan Mitsoulis		Regine Boldt Hyungsu Kim	Pierre Lafleur	Masato Yamamura	Keiji Tanaka Du Yeol Ryu		
10:30-11:00	[KLG8-01] Functional Materials For New Technologies: Designs at Nanoscale <i>Sashan C. Jana (University of Akron, USA)</i>	[KLG11-01] Novel Silk Fibroin Fiber/Poly(Butylene Succinate) Biocomposites: Processing, Electron Beam Treatment, and Properties <i>Donghwan Cho (Kumoh National Institute of Technology, Korea)</i>	[KLG10-01] Orientation Dependent Viscosity in Injection Molding Simulation <i>Franco Costa (Autodesk Moldflow, Australia)</i>		[KLG6-01] Rheological Behavior and Structure Development in Thermoplastic Polyurethanes During High-Temperature Annealing <i>Joao Maia (Case Western Reserve University, USA)</i>	[KLG7-01] Mutual Interaction between High and Low Stereo-regularity Components for Crystallization and Melting Behaviors of Polypropylene Blend Fibers <i>Yoshiaki Kitaura (Tokyo Institute of Technology, Japan)</i>	[KLS1-01] Towards Limitations of Battery Electrode Coating Technologies <i>Wilhelm Schabel (Karlsruhe Institute of Technology KIT, Germany)</i>	[KLG13-01] Novel Multiphase Systems based on Thermoplastic Composites: Analysis of the Structure-properties Relationships <i>Luc Averous (University of Strasbourg, France)</i>		
11:00-11:20	[ORG8-01] Development of Nanoclay based Chlorinated polyethylene (CPE) Ethylene Methacrylate Copolymer (EMA) Nanocomposites by Novel in-situ Covalent Modification Technique <i>Purabi Bhagabati (Indian Institute of Technology Kharagpur, India)</i>	[ORG11-01] Characterization of Raw and Chemically Treated Rice Husk Purified Polylactic Acid Biocomposites <i>Md Sakinul Islam (RMIT University, Australia)</i>	[ORG10-01] Multi-scale Simulation of Injection Compression Molding <i>Seokkwan Hong (Dankook University, Korea)</i>		[ORG6-01] A Novel Preparation Method of Glass Fabric-Reinforced Epoxy Resin Composites <i>Yuan Liu (Sichuan University, China)</i>	[ORG7-01] Migration of Insecticide Molecules in a Polymer Filament Obtained by Melt Spinning: Influence of the Fiber Processing Steps <i>Emmanuelle Gesta (Université de Lyon, France)</i>	[ORS1-01] Frequency Response of Slot Coating Flow to Gap Disturbances <i>Semi Lee (Sungkyunkwan University, Korea)</i>	[ORG13-01] The Effect of different Melt Temperatures during Injection Molding on the Mechanical Properties of Biocomposites <i>Maik Feldmann (University of Kassel, Germany)</i>		
11:20-11:40	[ORG8-02] Fused Deposition Modelling (3D Printing) of Polyolefin-Rubber Nanocomposites <i>Fugen Daver (RMIT University, Australia)</i>	[ORG11-02] Development and Characterization of a Bamboo Reinforced Polyethylene Composite <i>Alberto Medina Jorge (Universidad de los Andes, Colombia)</i>	[ORG10-02] Flow Behavior of PP-Polymer Nanocomposites in Injection Molding Dies <i>Evan Mitsoulis (NTUA, Greece)</i>		[ORG6-02] Studies on Chain Extension of Poly(propylene carbonate) Using Various Functional Compounds <i>Nattaphon On-in-sri (Chulalongkorn University, Thailand)</i>	[ORG7-02] Melt Spinning of High-Performance Poly(vinyl alcohol) Fibers <i>Ning Chen (Sichuan University, China)</i>	[ORS1-02] Operability Window of Dual-layer Slot Coating Process using Simplified Viscoplasticity and 2-D Models <i>Ho Suk Ji (Korea University, Korea)</i>	[ORG13-02] Oriented Bioresorbable Polymers for Biomedical Applications <i>Phil Coates (University of Bradford, UK)</i>		
11:40-12:00			[ORG10-03] Automated Design and Optimization of Cooling Lines for Extrusion using chIIWARE Cooling Simulation System <i>Kenny Saul (SHS plus GmbH, Germany)</i>			[ORG7-03] Characterization of the Crystal Orientation in Mono-oriented Films of HDPE/LLDPE Blends by IR Dichroism <i>Sebastião Canevarolo (Universidade Federal de São Carlos, Brazil)</i>		[ORG13-03] Oriented Bioresorbable Polymers for Controlled Drug Release <i>Phil Coates (University of Bradford, UK)</i>		
12:00-12:30	Lunch (Delizia & Ocean View)									
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B		
Session	G3. Injection Molding	G11. Polymer Composites	G10. Modelling and Simulation	G9. Foam	G6. Morphology and Structural Development	G7. Films and Fibers		G13. Advanced Polymer Materials		
Chair	Kyungwhan Yoon	Donghwan Cho	Frederik Desplentere	Attsaedi Volker	Joao Maia Hyungsu Kim	Takeishi Kitaura		Pi J. Yoo Maik Feldmann		
13:30-14:00	[KLG3-01] Visualization Analysis of Injection Molding Phenomena in Hot-Runner System <i>Hidetoshi Yokoi (The University of Tokyo, Japan)</i>	[KLG11-02] Nanobridges of Organic Surfaces through Organogelation <i>Dong-Chan Lee (University of Nevada Las Vegas, USA)</i>	[KLG10-02] Viscoelastic Relaxation of Rouse Chains Undergoing Heat-Induced Association and Dissociation: Effect of Molecular Coupling <i>Hisashi Watanabe (Kyoto University, Japan)</i>	[KLG9-01] A Visualization Study of Bubble Nucleation Mechanisms in High-Pressure Foam Injection Molding <i>Chul B. Park (University of Toronto, Canada)</i>	[KLG6-02] Process induced morphology of irradiated HD-PE <i>Ulrich Lubitz (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)</i>	[KLG7-02] Rheological Modification of Poly(lactic acid) for Film Blowing Application <i>Pierre Lafleur (Ecole Polytechnique Montreal, Canada)</i>		[KLG13-02] Applications of Heterofunctional Poly(ethylene oxide)s Obtained through Living Polymerization <i>Jungmin Kim (Kyung Hee University, Korea)</i>		
14:00-14:20	[ORG3-01] Defect Detection on Transparent Injection-Molding Parts with Scattering Substructures <i>Mathias Haselmann (Polymer Competence Center Leoben GmbH, Austria)</i>	[ORG11-04] Effect of Aspect Ratio of Carbon Fiber on Electrical and Dielectric Properties of Poly(vinylidene fluoride) (PVDF)/Short Carbon Fiber (SCF) Composites <i>Ranjana Kam (Indian Institute of Technology Kharagpur, India)</i>	[ORG10-04] Modeling the Filament's Temperature Evolution in Fused Deposition Techniques <i>Fernando Duarte (University of Minho, Portugal)</i>	[ORG9-01] Understanding the Foamingability and Mechanical Properties of Foamed Polypropylene Blends by using Extensional Rheology <i>Paula Moldenaers (KU Leuven, Belgium)</i>	[ORG6-03] Optimization of Cellular Morphology of P/PiC/CO3 and P/PiC/CO3 Based Films Developed by Post-extrusion Biaxial Stretching <i>Frey Mignot (Laval University, Canada)</i>	[ORG7-04] Porous Structure Formed by Phase Separation and its Optical Application for Cellulose Triacetate Film <i>Hikaru Shimada (Japan Advanced Institute of Science and Technology, Japan)</i>		[ORG13-04] Atactic Polypropylene Polymerization Tests of Novel Catalysts <i>Byung Hun Chae (Lotte Chemical, Korea)</i>		
14:20-14:40	[ORG3-02] A Concept for Non-Invasive Temperature Measurement During Injection Molding Processes <i>Maximilian Schoenert (RWTH Aachen University, Germany)</i>	[ORG11-05] Electron Induced Reactive Processing – a New Way to High Performance Multiphase Polymer Materials <i>Udo Wegmann (Leibniz-Institut für Polymerforschung Dresden e. V., Germany)</i>	[ORG10-05] Branching Effect on Rheological Properties of Polyethylene Liquids under Shear Flow <i>Jun Mo Kim (Ulsan National Institute of Science and Technology, Korea)</i>	[ORG9-02] Investigation of an Injection Foaming Process <i>Jean-François Agassant (PSL Research University, France)</i>	[ORG6-04] Morphological Evolution and Toughening Mechanism of Alternating Multilayered Materials with Unique Impact Behavior and Toughness based on Polypropylene and Poly(Ethylene-co-terephthalate) <i>Hong Wu (Sichuan University, China)</i>	[ORG7-05] Study of Self-Adhesion and Biodegradation of PLA/PBAT Blends <i>Abdelhak Aji (Polytechnique Montreal, Canada)</i>		[ORG13-05] Production of Microsized Polymer Particles for Additive Manufacturing by Melt Emulsification <i>Jochen Schmidt (Friedrich-Alexander-University Erlangen-Nuremberg, Germany)</i>		
14:40-15:00	[ORG3-03] Visualization Analysis of Tiger-shaped Flow Mark Generation Phenomena in Injection Molding <i>Shigeno Owada (The University of Tokyo, Japan)</i>	[ORG11-06] Effect of Graphene Nanosheets on the Mechanical, Electrical, and Rheological Properties of Polyamide6/Acrylonitrile-Butadiene-Styrene Blends <i>Aboukacem Qaiss (Moroccan Foundation for Advanced Science, Morocco)</i>	[ORG10-07] Characterization of HDPE-Wood Composite Properties for Thermforming Applications <i>Mohamed Tazi (UQAC-UQAT, Canada)</i>	[ORG9-03] A Novel Lab-scale Batch Foaming Equipment: the Mini-batch Ernesto Di Masi (University of Naples Federico II, Italy)	[ORG6-05] Nucleation of Gamma Form in Biodegradable Polymers under High Pressure in Non-Isothermal Conditions <i>Jean-Marc Haudin (MINES ParisTech, France)</i>	[ORG7-06] Thermal and Mechanical Properties of Poly(lactic acid) Compounded with Silicone Rubber and Talc Bioplastic <i>Thidarat Khuenkeao (Chulalongkorn University, Thailand)</i>		[ORG13-06] The Effectiveness of Sodium Carboxymethyl Cellulose (CMC) as a Co-antiseptic in the Sugar Cane Evaporators <i>Supansa Wicharnrot (Thammasat University, Thailand)</i>		
15:00-15:20	[ORG3-04] Rheological Behavior of Bi-modal SUS16L Feedstock for Powder Injection Molding <i>Joo Won Oh (Pohang University of Science and Technology, Korea)</i>	[ORG11-07] The Coupled Effect of Fiber Volume Fraction and Void Content on Hydraulic Fluid Absorption of Quartz/BMI Laminates <i>M. Cengiz Altan (University of Oklahoma, USA)</i>		[ORG9-04] Microcellular Injection Molding of Thermoplastic Polyurethane/Clay Nanocomposite Foams <i>Lih-Sheng Turg (University of Wisconsin, USA)</i>	[ORG6-06] Influence of Calcium Carbonate and Carbon Nanotubes on the Crystallization Kinetics of Polypropylene at High Supercooling <i>Jürgen Schwab (Mettler-Toledo AG, Switzerland)</i>	[ORG7-07] An Experimental Comparison between a Novel and a Conventional Cooling System for the Blown Film Process <i>Benedikt Neuber (University of Duisburg-Essen, Germany)</i>		[ORG13-07] Polymeric Additives for Antistatic Treatment of Sheet Molding Composites (SMC) <i>Hidetoshi Goshin-Smolka (IFF Dresden, Germany)</i>		
15:20-15:40	Break (20 min)									
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B		
Session	G3. Injection Molding	G11. Polymer Composites	G10. Modelling and Simulation	G9. Foam	G8. Polymer Nanostructures & Nanocomposites	G2. Extrusion	S3. Advanced Energy Materials and Processing	G13. Advanced Polymer Materials		
Chair	Hidetoshi Yokoi	Dong-Chan Lee	Kyungwhan Yoon	Lih-Sheng Turg Jean-François Agassant	Galdier Kortaberria Seong Jae Lee	Myung-Ho Kim	Jung-Yong Lee	Luc Averous Du Yeol Ryu		
15:40-16:10	[KLG3-02] Manufacture of High Precision Optics for LED Applications Made of Liquid Silicone Rubber <i>Christian Höpmann (RWTH Aachen University, Germany)</i>	[KLG11-03] Development of Continuous Fiber-reinforced Thermoplastic Composites for Automotive Applications <i>HeeJune Kim (LG Hausys R&D Center, Korea)</i>	[KLG10-03] Development of Three-dimensional Numerical Methods for Viscoelastic Free Surfaces of the Die Swelling in the Multi-Layer Tire Tread Extrusion <i>See Jo Kim (Kangnung National University, Korea)</i>	[KLG9-02] Microcellular Foam Injection Molding with Cellulose Nanofibers (CNFs) <i>Masahiro Oshima (Kyoto University, Japan)</i>	(15:40-16:00) [KLG6-04] Mechanical Properties of UV-cured Nanocomposite Films Loaded with Methacrylate Group Grafted Silica Nanoparticles <i>Kiyoung Ha (Keimyung University, Korea)</i>	(15:40-16:00) [ORG2-01] Recycling of Waste Cross-Linked Polyethylene Cables by Solid State Shear Milling Technology <i>Shibing Bai (Sichuan University, China)</i>	[KLS3-01] A High-Performance Small-Molecule Cathode Interfacial Material Based on Phenanthroline Derivative for Organic Photovoltaics <i>Xu-Hui Zhu (South China University of Technology, China)</i>	[KLG13-03] Local Viscoelastic Properties of Supramolecular Hydrogels <i>Keiji Tanaka (Kyushu University, Japan)</i>		
16:10-16:30	[ORG3-05] Influence of Different Assembling Methods of Aluminium-Plastic-Joints to the Thermal Management for LED-Lighting <i>Viola Sauer (University of Kassel, Germany)</i>	[ORG11-08] Effects of Surface Modification of Talc on Mechanical Properties of Polypropylene/Talc Composites <i>Keyun Liu (University of Applied Sciences Upper Austria, Austria)</i>	[ORG10-08] Processing Biobased Polymers using Plasticizers: Numerical Simulations versus Experiments <i>Frederik Desplentere (KU Leuven Technology Campus Ostend, Belgium)</i>	[ORG9-05] Foam Injection Molding of Polypropylene/Stainless Steel Fiber Composites for Efficient EMI Shielding <i>Chul B. Park (University of Toronto, Canada)</i>	(16:00-16:20) [ORG6-06] The Effect of Multiwall Carbon and Tungsten Disulfide Nanotubes on the Properties of Room Temperature Vulcanized Silicone Adhesives <i>Hanna Doduk (Shenkar College, Israel)</i>	(16:00-16:20) [ORG2-02] Preparation and Investigation of High Barrier Poly(vinylidene Chloride) Sheet by Lamination Extrusion <i>Zhiwei Jiao (Beijing University of Chemical Technology, China)</i>	(16:10-16:40) [KLS3-02] Simultaneous Improvement in Power Conversion Efficiency and Stability of Organic Solar Cells Using Metal Oxide Layers <i>BongSoo Kim (Ewha Womans University, Korea)</i>	[ORG13-08] Multiscale Strategy for Nanoscale-structured Polymeric Membranes with Tunable Separation Properties <i>Pi J. Yoo (Sungkyunkwan University, Korea)</i>		
16:30-16:50	[ORG3-06] Effects of Cavity Thickness and Mold Surface Roughness on Warpage of HDPE Injection Molding Lenses <i>Kaneda Ryo (Yamagata Research Institute of Technology, Japan)</i>	[ORG11-09] Mechanical Recycling of Continuous Fiber-Reinforced Thermoplastic Sheets <i>Günar Hentsch (University of Paderborn, Germany)</i>	[ORG10-09] Simulation of Polyurethane Foams Injection-Expansion with a High Precision Scheme for Large Parts Applications <i>Gillaume François (Transvalor, France)</i>	[ORG9-06] Bimodal Polystyrene Nanocomposite Foams via Two-step Depressurization Method <i>Cong Li (Zhejiang University, China)</i>	(16:20-16:40) [ORG8-08] An Investigation on Morphology and Mechanical Properties of HDPE/nanoclay/nanoCaCO3 Ternary Nanocomposites <i>Azizeh Javadi (Amirkabir University of Technology, Iran)</i>	(16:20-16:40) [ORG2-03] Inline Calculation tool for the Determination of the Change Over Time for Color and Material Changes in Polymer Processing <i>Michael Burgfeldt (University of Duisburg-Essen, Germany)</i>	(16:40-17:10) [KLS2-03] Multiphase Potential Micromaterials for Potential Application of Fiber based Energy Storage <i>Kyung Jin Lee (Chungnam National University, Korea)</i>	[ORG13-09] 6-form Syndiotactic Polyethylene Aerogels for Nanometric Particle Filtration and The Skin Layer Effect on It <i>Sung Jun Kim (University of Akron, USA)</i>		
16:50-17:10	[ORG3-07] 3D Volume Shrinkage Compensate Method in Injection Mold Design Optimization <i>Chao-Tai Huang (Coretech System Co. Ltd, Taiwan)</i>	[ORG11-10] Effect of Layered Nanomaterials on the Mechanical and Barrier Properties of Poly(lactic acid) Trioxo Woods (Polymer Materials and Nanocomposites Group, Ireland)	[ORG10-10] Flow Analysis of Non-Newtonian Fluids in a Curved Microchannel Based on Numerical Computations <i>Kyu Yoon (Korea University, Korea)</i>	[ORG9-07] Modeling of Bubble Growth, Impingement and Rupture to Control Foaming Morphology <i>Ernesto Di Masi (University of Naples Federico II, Italy)</i>	(16:40-17:00) [ORG8-07] Synthesis of TiO2 Nano particles by Neen Leaves Extract <i>Ghazala Sharma (Netaji Subha Institute of Technology, India)</i>	(16:40-17:00) [ORG2-04] Investigation for Validation the Characterization of Cross Flow Polymer Melt Viscosity using a Short Length of Single Screw Extruder at the Closed Discharge State <i>Myung-Ho Kim (Hannam University, Korea)</i>		[ORG13-10] Ultrasound Healable Shape Memory Dynamic Polymers <i>Hesheng Xia (Sichuan University, China)</i>		
17:10-17:30	[ORG3-08] The Fiber Breakage in the Barrel of Injection Molding Machine <i>Jeonsung Tae (Ajou University, Korea)</i>	[ORG11-11] New Methods of Characterization of the Draping behavior of Carbon Fiber Fabrics in Relevant Industrial Draping Technologies <i>Mathias Graf (DIEFFENBACHER GMBH Maschinen – und Anlagenbau, Germany)</i>	[ORG10-11] Numerical Simulation on Particulate Flows with Permanent Magnetic Particles Suspended in a Viscous Fluid <i>Tae Gon Kang (Korea Aerospace Research Institute, Korea)</i>	[ORG9-08] Extrusion Foaming of Protein-based Thermoplastic and Polyethylene Blends <i>Chanelle Gavin (University of Waikato, New Zealand)</i>	(17:00-17:20) [ORG2-05] Influence of Particle-binder Interactions in Simplified Electrode Slurries for Li-ion Battery <i>Sanghoon Sung (Seoul National University, Korea)</i>		[ORG13-11] Purification of Post-consumer Polyolefins via Supercritical CO2 Extraction for the Recycling in Food Contact Applications <i>Anouar Ben said (Université de Saint-Etienne, France)</i>			
17:30-17:50	[ORG3-09] Powder-Binder Separation in Powder Injection Molding Process <i>Joo Won Oh (Pohang University of Science and Technology, Korea)</i>	[ORG11-12] Mechanical Properties of Micro-Injected HDPE Composites <i>Alessandro Bongiorno (CNR-ITIA, Italy)</i>	[ORG10-12] Automatic Optimization of Spiral Mandrel Dies by a Coupled Approach Using the Methods of Fluid Analyse Networks and Three Dimensional CFD-Simulations <i>Jens Peter Siepmann (University of Duisburg-Essen, Germany)</i>	[ORG9-09] Bioplastic Poly(lactic acid)/Wood Flour Composite Foam: Compressive Behavior <i>Potkiss Suwananaka (Chulalongkorn University, Thailand)</i>						

Date/Time	June 8 (Tue)								
8:00-8:30	Registration								
8:30-9:10	[Room: HALLA] (Chair: Hiroshi Ito)	[PL03] Polymer Melt Rheology for Better Processing Conditions Kyohito Koyama (Yamagata University, Japan)							
9:10-9:50	[Room: HALLA] (Chair:Byungohk Rhee)	[PL04] Collaboration Platform of Materials and Processing Technologies for Electronics Industry Hak-Kyung Sung (Samsung Electronics Co., Ltd., Korea)							
9:50-10:10	Break (20 min)								
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B	
Session	G3. Injection Molding	G8. Polymer Nanostructures & Nanocomposites	G10. Modelling and Simulation	G12. Rubber Processing and Technology	G6. Morphology and Structural Development	S2. Advanced Electronics/Display Materials & Processing	G4. Polymer Blends and Alloys	S3. Advanced Energy Materials and Processing	
Chair	Hiroshi Ito	Sadhana C. Jana Kilkyong Ha	Azbeh Javadi	Young-Wook Chang	Hyungsun Kim	Joon Hak Oh Hyunhyub Ko	Jin Uk Ha Youngjae Yoo	Bumjoon Kim Xu-Hui Zhu	
10:10-10:40	[KLG3-03] Advances in Precision Micromolding Phil Coates (University of Bradford, UK)	[KLG8-02] Effective Interface Development in Cellulosic Biopolymers: Chemical Imaging and Rheology Study Sasrath Shattacharya (RMIT University, Australia)	[KLG10-04] A Reaction Kinetics Approach to Polyurethane Foam Expansion and Polymerization Rekha Rao (Sandia National Laboratories, USA)	[KLG12-01] Soft Segment Modulation for the Tuning of Physical Properties of Poly(ether ester) Elastomers Il Kim (Pusan National University, Korea)	[KLG6-03] Miniaturization is a Trend but How Does it Affect the Break-up and Coalescence of Droplets in Shear Flow? Paula Moldenaers (KU Leuven, Belgium)	[KLS2-01] Enhanced Efficiency of Polymer and Hybrid Solar Cells Via Interface Engineering Hongzheng Chen (Zhejiang University, China)	[KLG4-01] Rheological and Morphological Properties of PLA-PBAT Blends - Effects of Nanoclay Localization Musa R. Kamal (McGill University, Canada)	[KLS3-04] Thiophene Polymers and Nanocomposites as Nanoelectronic Materials for Energy Storage Chuanbing Teng (University of South Carolina, USA)	
10:40-11:00	[ORG8-10] Effect of Functional Nano Channel Structures Different Widths on Injection Molding and Compression Molding Replication Capabilities Matteo Caloni (Technical University of Denmark, Denmark)	[ORG8-13] Rheological and Morphological Properties of Impact Modified PBT/PTT Blends Based Nanocomposites Parul Malik (Netaji Subba Institute of Technology, India)	[ORG10-13] Rotation of Polymer Chains Under Fast Shear Flow Jun-ichi Takimoto (Yamagata University, Japan)	[ORG12-01] Potential for Cure Time Reduction in Rubber Injection Molding and its Analytical Prediction Walter Fresenius (Institute of Injection Molding of Polymers, Austria)	[ORG6-07] Design and Scale-up of a Semi-Industrial Downer-Reactor for the Rounding of Irregular Polymer Particles Manus Sachs (Institute of Particle Technology, Germany)	(10:40-11:10) [KLS2-02] Organic/Inorganic Perovskite Optoelectronics for Solar Cells and Displays Tae-Woo Lee (Pohang University of Science and Technology, Korea)	[ORG4-01] Effect of Utilize the Phosphorus Based Flame Retardant Additive on Flame-Retardancy of Poly(Ethylene Terephthalate) Ali Keshavarzian (Iran polymer and Petrochemical Institute, Iran)	(10:40-11:10) [KLS3-05] Solid Transfer of Pre-Formed Conducting Polymer Film Jong Hyeok Park (Yonsei University, Korea)	
11:00-11:20	[ORG3-11] A Study on Injection Molding of Micro Channels for Plastic Micro-Fluidic Device Yeung-Eun Yoo (Korea Institute of Machinery and Materials (KIMM), Korea)	[ORG8-14] Nanocomposites based on Block Copolymer Templates and Nanoparticles with Polymeric Brushes Galdar Kortaberria (Basque Country University, Spain)	[ORG10-14] Mechanism and Dynamics of Polymeric melts at Interfaces under Shear flow Sordani Jeong (Ulsan National Institute of Science and Technology, Korea)	[ORG12-02] Investigations Of The Mixing Behavior Of Pin-Type Rubber Extruders Michael Schradowski (Universität Paderborn, Germany)	[ORG6-08] Combining Experimental and Numerical Approaches to Improve Dispersion Efficiency in Polymer Nanocomposites Luís Ferrás (University of Minho, Portugal)	(11:10-11:40) [KLS2-03] Semi-crystalline Photovoltaic Polymers: Molecular Design and Property Relationship Han Young Woo (Pusan National University, Korea)	[ORG4-02] The Dynamic Vulcanization of Natural Rubber in The PLAINR Blends Nittaya Kaophonmuang (Thammasat University, Thailand)	(11:10-11:30) [ORS3-02] Production and Functionalization of High Quality Graphene Nanosheets via a Novel and Eco-Friendly Solid-state Chuhong Zhang (Sichuan University, China)	
11:20-11:40	[ORG3-12] Analysis of Batch-related Influences on Injection Molding Processes Viewed in the Context of Electro Plating Quality Demands Jens Peter Stepmann (University of Duisburg-Essen, Germany)	[ORG8-15] Perpendicularly Oriented Block Copolymer Thin Films Induced by Neutral Star Copolymer Nanoparticles Seoyong Kim (Korea University, Korea)	[ORG10-16] Modeling of Magneto-Rheological Behavior of Powder Injection Molding Feedstock Seong Jin Park (Pohang University of Science and Technology, Korea)	[ORG12-03] Energy Saving Curing and Precision Manufacturing Technology of Tire Jinyun Zhang (Beijing University of Chemical Technology, China)	[ORG6-09] Compatibilizing Role of Organoclay on Morphology Development and its Influence on Toughening Enhancement of Plasticized PLA/ESD Blends Hossein Nazockdast (Amirkabir University of Technology, Iran)	[KLS2-04] Semi-crystalline Photovoltaic Polymers: Molecular Design and Property Relationship Han Young Woo (Pusan National University, Korea)	[ORG4-03] Effect of Affinity of Grafted Polymer on the Viscosity and Film Processability of PMA Blended with Core-shell Rubber Keisuke Hatano (Yamagata University and Kaneka Corporation, Japan)	(11:30-11:50) [ORS3-03] Mechanism of Microstructure Formation in Anode Slurry and Dried Film for Li-Ion Battery Sanghyuk Lim (Seoul National University, Korea)	
11:40-12:00	[ORG3-13] Supercritical CO2 assisted Electroless Plating on Polypropylene Substrate - Effect of Injection Speed on Adhesive Force of Metal to Polymer Masahiro Chahine (Kyoto University, Japan)	[ORG8-16] Lamellar Swelling in ARB-Type Triblock Copolymer via Self-Adjusting Effective Dispersity Sanghoon Woo (Korea University, Korea)	[ORG10-17] Numerical Modeling of a Viscoelastic Drop Deformation inside a Viscous media under an Uniaxial Extensional Flow Arash Sarhangi Fard (SABIC, The Netherlands)	[ORG12-04] Preparation of Vinyl Acetate Grafted Natural Rubber by Irradiation Method Anchalee Pontprairat (Thammasat University, Thailand)	[KLS2-05] Towards the Next Level of Electronics; from Implantable to Bio-inspired Devices Tae-II Kim (Sungkyunkwan University, Korea)	[KLS2-05] Towards the Next Level of Electronics; from Implantable to Bio-inspired Devices Tae-II Kim (Sungkyunkwan University, Korea)	[ORG4-04] Reactively Compatibilizing Efficiency of Triblock Copolymer for Immiscible Polymer Blends Weiyun Ji (Zhejiang University, China)		
12:00-12:30	- Lunch (Delizia & Ocean View) - IPP & PPP Editorial Boards (Room: 201)								
13:30-14:30	Poster Session I								
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B	
Session	G3. Injection Molding	G11. Polymer Composites	G10. Modelling and Simulation	G2. Extrusion	G5. Mixing and Compounding	S2. Advanced Electronics/Display Materials & Processing	G4. Polymer Blends and Alloys	S5. ISAR (International Symposium on Applied Rheology)	
Chair	Phil Coates	Frauke Reinders	Hiroshi Watanabe Tae Gon Kang	John Vlachopoulos Seo Jo Kim	Seong Jin Park Arash Sarhangi Fard	Sungjune Jung Lijia Pan	Musa R. Kamal Sung-Goo Lee		
14:30-15:00	[KLG3-04] Relationship Between Internal Structure and Deformation Velocity on Impact Fracture Characteristics of Isotactic Homo- and Block-Polypropylenes Injection Molding Parts Hiroshi Ito (Yamagata University, Japan)	[KLG11-04] Experimental and Theoretical Investigation of Non-Fickian Moisture Absorption of Quartz/BMI Laminates Fabricated by Preconditioned Prepregs M. Cengiz Altan (University of Oklahoma, USA)	(14:30-14:50) [ORG10-17] Numerical Modeling of a Viscoelastic Drop Deformation inside a Viscous media under an Uniaxial Extensional Flow Arash Sarhangi Fard (SABIC, The Netherlands)			[KLS2-04] Imperceptible Active Matrix Sensors for Cyber-physical Systems Tasuyoshi Sekitani (Osaka University, Japan)	[KLG4-02] Biopolymer Blends: Structure-rheological-morphological - interfacial properties /Forming Process Relationships Abderahim Mazouz (INSA de Lyon, France)	(14:30-14:40) Welcoming Address (14:40-15:30) [KLS-01] Controlling the Dispersion and Configuration of Nanofillers in Electrically Driven Polymer Jets via Controlled Air Flow Yong Lak Joo (Cornell University, USA)	
15:00-15:20	[ORG3-14] Weld Line Behavior in Injection Molded Parts Ines Kuehnert (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)	[ORG11-13] Comparative Study of High Performance Epoxy Based Composites Modified with Different Tougheners Pascal Van Velthem (Université Catholique de Louvain, Belgium)	(14:50-15:10) [ORG10-18] Numerical Simulation of Drop-Drop Interactions using a Ternary Diffuse-Interface Model Jang Min Park (Yeungnam University, Korea)			(15:00-15:30) [KLS2-05] Stretchable Inorganic Electronics for Biomedical Devices Dae-Hyung Kim (Seoul National University, Korea)	[ORG4-05] The Effect of Anti-Degradation Agent on Thermal Stability and Crystallization Properties of Poly(lactide and Natural Rubber Blends Catalayeva Pattamaporn (Thammasat University, Thailand)		
15:20-15:40	[ORG3-15] Investigation of Interfacial Fracture Behavior on Injection Molded Parts Matthieu Fischer (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)	[ORG11-14] Improved Thermal Conductivity of Epoxy By Incorporating Poly(ether sulfone) With Expanded Graphite Yucal Shen (Nanjing Tech University, China)	(15:10-15:30) [ORG10-19] Discrete Element Simulations and Validation Tests Investigating Solids Conveying Processes with Pressure Buildup in Single Screw Extruders Johann Lessmann (University of Paderborn, Germany)			(15:30-16:00) [KLS2-06] Towards the Next Level of Electronics; from Implantable to Bio-inspired Devices Tae-II Kim (Sungkyunkwan University, Korea)	[ORG4-06] A New Approach for Improving Heat Resistance of Poly(lactic Acid (PLA) with PLA/Celulose Acetate (CA) Blends Eun-Ho Song (LG Hynix, Korea)		
15:40-16:00	[ORG3-16] Optimization of Injection Molding Parameters for Poly(Syrene-Isobutylene-Styrene) Block Copolymer Mauro Fittipaldi (University of Miami, USA)	[ORG11-15] Wet Mixing of Wood Cellulose Fibres and EAA Composites Maria Klingberg (Chalmers University of Technology, Sweden)	(15:30-15:50) [ORG10-20] Investigation of Heating Characteristics in Forward and Backward Ultrasonic Imprinting Keun Park (Seoul National University of Science & Technology, Korea)			[KLS2-07] Conducting Polymer Hydrogels for Advanced Electronics Lijia Pan (Nanjing University, China)	[ORG4-07] Impact Modified Protein-Based Thermoplastics Matthew Smith (University of Waikato, New Zealand)	(15:30-16:20) [KLS-02] Rheological Studies on Biomechanics in Restorative Dentistry In-Boo Lee (Seoul National University, Korea)	
16:00-16:20	[ORG3-17] Residual Stresses in Injection Molded Shape Memory Polymer Parts Sukran Kattner (Yalova University, Turkey)	[ORG11-16] Reversible Dielectric Property Degradation in Moisture-Contaminated Fiber-Reinforced Laminates Luis Rodriguez (University of Miami, USA)	(15:50-16:10) [ORG10-21] Development of New Integral Viscoelastic Solver in OpenFOAM® J. Miguel Nóbrega (University of Minho, Portugal)			[ORS2-02] Jetting Process for the Light Emitter Patterning of OLED Byung Do Chin (Dankook University, Korea)			
16:20-16:40	Break (20 min)								
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B	
Session	G8. Polymer Nanostructures & Nanocomposites	G11. Polymer Composites	G13. Advanced Polymer Materials	G2. Extrusion	G5. Mixing and Compounding	S2. Advanced Electronics/Display Materials & Processing	S1. Advanced Coating/Printing Technology	S5. ISAR (International Symposium on Applied Rheology)	
Chair	Fugun Daver Hua Deng	M. Cengiz Altan	Yoo, Pil J. Ryu, Du Yeol	John Vlachopoulos Seo Jo Kim	Seong Jin Park Arash Sarhangi Fard	Do Hwan Kim Hongzheng Chen	Hyun Wook Jung		
16:40-17:10	(16:40-17:00) [ORG8-09] Interfaces in Polymer Nanocomposites – An NMR Study Ulrich Scheler (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)	[KLG11-05] Electrophoretic Deposition Process for Nanocomposites Byung Sun Kim (Korea Institute of Materials Science, Korea)	(16:40-17:00) [ORG13-13] Lap Shear Strength and Healing Capability of Self-Healing Adhesive Containing Epoxy/Mercaptan Microcapsules Habibah Ghazali (The University of Sydney, Australia)	[KLG2-01] Extrusion of Double-Walled Large Diameter Corrugated Pipe John Vlachopoulos (McMaster University, Canada)	[KLG5-01] Importance of Mixing in Powder Injection Molding Seong Jin Park (Pohang University of Science and Technology (POSTECH), Korea)	[KLS2-07] Conducting Polymer Hydrogels for Advanced Electronics Lijia Pan (Nanjing University, China)	[KLS1-02] Two-step Migration of Particles in Drying Latex Blend Suspensions Masato Yamamura (Kyushu Institute of Technology, Japan)	(16:40-17:30) [KLS-03] Soft Conductors from Nanoscale Carbon Matteo Pasquali (Rice University, USA)	
17:10-17:30	(17:00-17:20) [ORG8-10] Bio-inspired Polymers from Low to High Dimensional Structure Jian Xu (Institute of Chemistry, Chinese Academy of Sciences, Korea)	[ORG11-17] Development of Wood-Plastic Composites Based on Wood Plastic and Dried Wood Frauke Reinders (University of Paderborn, Germany)	(17:00-17:20) [ORG13-15] Crystalline Supramolecular Interaction of Side Chain Crystalline Block Copolymer and Thermal Rheological Effect Shigeru Yao (Fukuoka University, Japan)	[ORG2-06] Influence of the Screw Clearances on the Pressure Build-up Tobias Herken (Kunststofftechnik Paderborn, Germany)	[ORG5-01] Polymerized Processing for Polypropylene-Based Alloys, Blends, and Nanocomposites Jinyong Dong (Institute of Chemistry, Chinese Academy of Sciences, China)	(17:10-17:40) [KLS2-08] Flexible electronic Skins for Tactile and Human Health Monitoring Devices Hyunhyub Ko (Ulsan National Institute of Science and Technology, Korea)	[ORS1-04] Investigations of the Surface Activation of Thermoplastic Polymers by Atmospheric Pressure Plasma Treatment with a stationary Plasma Jet Timo Nordmeyer (Universität Paderborn, Germany)		
17:30-17:50	(17:20-17:40) [ORG8-11] Correlation Between Crystallization Rate and Interfacial Interactions in Plasticized PLA/PDMS Nanocomposites Mehmet Kodali (Kocaeli University, Turkey)	[ORG11-18] Holistic Development of High-pressure RTM Composite Structures Frank Henning (Fraunhofer ICT, Germany)	(17:20-17:40) [ORG13-15] A Novel Process For Production of Spherical PBT Powders and their Processing Behavior During Laser Beam Melting Jochen Schmitt (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)	[ORG2-07] A High Speed Extrusion Design for Inserting Screw Sleeve and Improved Solid-Melt-Separation Benedikt Neubert (University of Duisburg-Essen, Germany)	[ORG5-02] Compounding Process Design for Highly Filled Materials with Twin Screw Extruder Jong Han Choi (Sogang University, Korea)	[ORS1-05] Effect of Chain Length of UV Curable Monomer on Conversion, Kinetic Chain Length and Viscosity Kanazawa University, Japan)	(17:30-17:40) Closing Remarks		
17:50-18:10	(17:40-18:00) [ORG8-12] Toughening of Epoxy Resin modified with Surface-Functionalized Graphene Oxide Yong Tae Park (Myongji University, Korea)	[ORG11-19] PLA/Celulose Green Composites as a Filament for 3D Printers Kunhiro Araki (Ooshima University, Japan)	[ORG2-08] FEM Simulations for Composite Modeling of Starve Fed/Flood Fed Single Screw Extrusion Using Mixing Screws Krzysztof Wilczyński (Warsaw University of Technology, Poland)	[ORG5-03] Modeling of Polymer Blend Morphology inside a Twin-screw Extruder Process: Effects of Screw Geometry and Rheological Behaviors Arash Sarhangi Fard (SABIC, The Netherlands)	(17:40-18:10) [KLS2-09] Curved Image Sensors Inspired by Nature Young Min Song (Pusan National University, Korea)				

Date/Time		June 10 (Wed)									
		Registration									
8:00-9:30		Room: HALLA Chair: Sung Chul Kim [PL05] Lateral Ordering in Block Copolymers: Influence of Topography, Solvent and Chain Topology Thomas P. Russell (University of Massachusetts, USA)									
9:10-9:50		Room: HALLA Chair: Jin Kon Kim [PL06] Sulfur Plastics and Processing for Sustainable Growth Kookheon Char (Seoul National University, Korea)									
9:50-10:10		Break (20 min)									
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B			
Session	G8. Polymer Nanostructures & Nanocomposites	G11. Polymer Composites	G1. Rheology and Rheometry	G12. Rubber Processing and Technology	G3. Injection Molding	S2. Advanced Electronics/Diopoly Materials & Processing	G4. Polymer Blends and Alloys	S4. Honorary Session for Prof. Sung Chul Kim			
Chair	Ulrich Scholer Yong Taek Park	Joon-Hyung Byun	Wei Yu	Seichi Kawahara	Shih-Jung Liu	Joon Hak Oh Do Hwan Kim	Abderrahim Mazaout Eun-Ho Song	O. Ok Park Jin Kon Kim			
10:10-10:40	[KLG8-03] Conductive Polyethylene Carbon Nanotube Composites Based on Novel Copolymer Composites Samuel Kang (Shenkar College, Israel)	[10-10-10-30] [ORG11-00] Largely Enhanced Thermal Conductivity of Poly(Vinylidene Fluoride)/Carbon Nanotube Composites Achieved by Adding Graphene Oxide Yong Wang (Southwest Jiaotong University, China)	[KLG1-01] Soft Solid Rheology H. Henning Winter (University of Massachusetts Amherst, USA)	[KLG12-02] New Progress in Elastomers Nanocomposites: Fundamentals, Preparation and Applications Liqun Zhang (Beijing University of Chemical Technology, China)	[KLG3-05] Micro-Injection Molding of Polymer Based Micro/Nanocomposites Qi Wang (Sichuan University, China)	[KLS2-10] Topochemical Polymerized High Quality Micro- and Nanocrystals: an Ideal Platform for Examining and Using Intrachain Charge Transport Wangping Hu (Institute of Chemistry, Chinese Academy of Sciences, China)	[KLG4-03] Cocontinuous Polymer Blends Christopher Maccosco (University of Minnesota, USA)	[10-10-10-35] [KLS4-01] Phase Separation and Crystallization from Dynamically Symmetric to Dynamically Asymmetric Blend Charles Han (Institute of Chemistry, Chinese Academy of Sciences, China)			
10:40-11:00	[OR8-17] Effect of Thermal Annealing on the Electrical Conductivity of CNT-PEEK Composites Arnulfin Isiani (Technical University of Denmark, Denmark)	[10-30-10-50] [ORG11-22] A Study on the Carbon Fiber/Polypropylene Composite Bipolar Plates for Polymer Electrolyte Membrane Fuel Cell He Jun Lee (Gyeongsang National University, Korea)	[ORG1-01] Universal Relaxation Behavior of Entangled 1,4-Polybutadiene Melts in the High Frequency Region Seung Joon Park (Korea Polytechnic University, Korea)	[ORG12-06] A Study on the Structure and Properties of Solution-Polymerized Styrene-Butadiene Rubber/Trans-1,4-Polyisoprene Vulcanizates Yong Zhang (Zhangjiang Jiao Tong University, China)	[ORG3-18] Multiple Optimization Method for Injection Molding Die Yong Zhang (Zhangjiang Jiao Tong University, China)	[10-40-11-10] [KLS2-11] Development of New Organic Semiconducting Materials for Organic Thin Film Transistors Yun-Hi Kim (Gyeongsang National University, Korea)	[ORG4-08] Effect of Water-assisted Extrusion Process on the Clay Migration, Morphology, and Rheological Properties of Immiscible PA11/PEO Blends Fang Du (Mines Douai, France)	[10-35-11-00] [KLS4-02] Long Flexible Fiber Deformation Patterns in Squeeze Flow Andrew Hyman (University of Western Ontario, Canada)			
11:00-11:20	[OR8-18] Morphology and Properties of Conductive Polyethylene/Silver Nanowire Nanocomposites Prepared via Latex Templating Seung Jee Lee (The University of Suwon, Korea)	[10-50-11-10] [ORG11-23] Graphene/polyethylene Nanocomposites and Co-solvent Blending Methods Salim Park (University of Minnesota, USA)	[ORG1-02] Effect of Die Geometry on Uniaxial Elongational Response of Polypropylene Akira Saito (Japan Advanced Institute of Science and Technology, Japan)	[ORG12-06] Thermally-Repairable Supramolecular Polymer Elastomers Hyoung-Wook Chang (Hanyang University, Korea)	[ORG3-19] Numerical Simulation of Fiber Interaction in Short-Fiber Injection-Molded Composite Using Different Cavity Geometries Thanh Binh Nguyen Thi (Kyoto Institute of Technology, Japan)	[11-10-11-40] [KLS2-12] Solution Processed Organic Ferrocene-Based Non-volatile Memory Diodes Jiyul Lee (Pohang National University, Korea)	[ORG4-10] Concept of Reactive Compatibilizer-tracer for Discovering Interfacial Reaction and Morphology Development during In-situ Compatibilizing Blending Processes Wenjun Ji (Zhejiang University, China)	[11-00-11-25] [KLS4-03] Application of Reaction-induced Phase Separation for Semiconductor Packages of Smartphibones Takashi Inoue (Yamagata University, Japan)			
11:20-11:40	[OR8-19] Adsorption of Ionic Liquid onto Halloysite Nanotubes: Thermal and Mechanical Properties of Heterogeneous PE-P-Copolymer Nanocomposites Eveline Bischoff (UFRRGS, Brazil)	[ORG1-03] A Molecular Explanation of Strain Hardening in Bisdipole Polymers Yachi Masubuchi (Kyoto University, Japan)	[ORG1-03] A Molecular Explanation of Strain Hardening in Bisdipole Polymers Yachi Masubuchi (Kyoto University, Japan)	[ORG12-07] Grafting of Maleic Anhydride onto Natural Rubber Latex Induced by Gamma Irradiation Srinivas Pongasathi (Thammasat University, Thailand)	[ORG3-20] Prediction of Fiber Orientation in Injection-Molded Parts Using Three-Dimensional Simulations Franco Costa (Autodesk, Inc., USA)	[ORG4-11] Development of New High Heat Resistant Styrenic Polymers with Poly(Methyl Methacrylate) Kohhei Nishino (DENKI KAGAKU KOGYO K. K., Japan)	[11-25-11-50] [KLS4-04] Effect of Fast Mold Surface Temperature Evolution on PP Samples Morphology Giuseppe Tommasio (University of Salerno, Italy)				
11:40-12:00	[OR8-20] The Effect of Processing Methods on Electrical Percolation and Electromagnetic Shielding of PC/MWCNT Nanocomposites Guzon Javad (Amirkabir University of Technology, Iran)	[ORG1-04] Dynamics of Entanglement using New Topological Analysis Algorithm Jeonghwa Yoon (Ulsan National Institute of Science and Technology, Korea)	[ORG12-08] Monitoring Rheological Properties of Uncured Rubbers in Different Mixing Conditions of Carbon Black Filler by Ultrasound Characterization Daeun Hong (Danmark University, Korea)	[ORG3-21] Processing Highly Filled Polyphenylene Sulfide on Injection Molding Machines for Standard Applications Franz Peter Steppmann (University of Duisburg-Essen, Germany)	[OR3-23] Solution-Grown Multilayers of Single-Crystals for Organic Electronics Hanying Li (Zhejiang University, China)	[11-50-12-15] [KLS4-05] Solution Processing of Graphene for Electronic Applications O. Ok Park (Korea Advanced Institute of Science and Technology, Korea)					
12:00-12:30	- PPS Business Meeting: Annual gathering of all PPS members (Ocean View) - Lunch (Delitea)										
13:30-14:30	Poster Session II										
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B			
Session	G8. Polymer Nanostructures & Nanocomposites	G7. Films and Fibers	G5. Mixing and Compounding	G12. Rubber Processing and Technology	G3. Injection Molding	S2. Advanced Electronics/Diopoly Materials & Processing	G4. Polymer Blends and Alloys	S4. Honorary Session for Prof. Sung Chul Kim			
Chair	Dong Gi Seong Kangmin Lee	Younghoon Kwon	Joon Maeng Byoung Joon Jeong	Liqun Zhang	Byungchik Rhee	Wenping Hu	Christopher Maccosco Wenjun Ji	Chang-Sik Ha Dukjoon Kim			
14:30-15:00	[14-30-14-50] [OR8-21] Strain Sensing Conductive Polymer Composites: Sensitivity and Stability Hua Deng (Sichuan University, China)	[KLG7-03] Rheological Characterization of the Temperature and Time Effects on Polyacrylonitrile Solutions Byoung Chul Kim (Hanyang University, Korea)	[KLG5-02] A Novel Static Extensional Mixer for Twin-Screw Extrusion Joon Maeng (Case Western Reserve University, USA)	[KLG12-03] Viscoelastic Properties of Natural Rubber with Filler Nanomatrix Structure Seichi Kawahara (Hokkaido University of Technology, Japan)	[KLG3-06] Injection Molding of a Novel Biodegradable "Cable-tie" Fixator for Osteosynthesis Surgery of Rib Fracture Shih-Jung Liu (Chang Gung University, Taiwan)	[KLS2-13] Modulation of Molecular Interaction in Conducting Polymers for Advanced Optoelectronics Taeho Park (Pohang University of Science and Technology, Korea)	[KLG4-04] Interphase Transfer of Third Component in Immiscible Polymer Blends Masayuki Yamaguchi (Japan Advanced Institute of Science and Technology (JAIST), Japan)	[14-30-14-55] [KLS4-06] Mechanical Performance of Polymers Han Meijer (TU Eindhoven, The Netherlands)			
15:00-15:20	[14-50-15-10] [OR8-22] Improvement of Luminescence and Stability of QD-polymer Nanocomposite by Thiol Modification of Silicone Matrix Cheoljun Yoon (Korea University, Korea)	[ORG7-08] Analysis on Stress-optical Behavior of Amorphous Film during Multiple Stretching and Relaxation Processes near the Glass Transition Temperature Wataru Takarada (Tokyo Institute of Technology, Japan)	[ORG5-04] Toughening of Poly(alkid) without Sacrificing Stiffness and Strength by Well-blending with Polyamide 11 and Selective Localization of Halloysite Nanotubes Kiyoko Tsubouchi (Mines Douai, France)	[ORG12-09] Piezoresistive Behavior of Electrically Conductive PDMS Composites Sung Eun Shim (Inha University, Korea)	[ORG3-22] Innovative Use of Wood-Plastic-Composites (WPC) as a Core Material in the Sandwich Injection Molding Process Yansong Martin (Polymer Engineering Paderborn, Germany)	[15:00-15:30] [KLS2-14] Nanogenerators for Self-Powering Electronics Sung Wook Kim (Sungkyunkwan University, Korea)	[ORG4-12] Accelerating the Crystallization of Commercial Poly(lactide) with Stereocomplex Crystallites, PLLA and PDLA Homopolystyrenes Wei Yang (Sichuan University, China)	[14-55-15-20] [KLS4-07] Functional Polymer Foams from In-Situ Fibrillated Polymer Blends Chul B. Park (University of Toronto, Canada)			
15:20-15:40	[15-10-15-30] [OR8-23] Photopolymer-ZnS Core-shell Nanocomposite for Volume Holographic Application Zhang Xue (Huazhong University of Science & Technology, China)	[ORG7-09] Preparation and Characterization of Photoreactive Polymer and Fluoride Polymer Films using in Laser Field Shuhan Chen (China Academy of Engineering Physics, China)	[ORG5-05] The Effect of Extensional Flow for Dispersibility of PPy/CNT Nano-Composite Koki Matsumoto (Tohoku University, Japan)	[ORG12-10] Processing of Rubber-Graphene Composites and the Interface Regulation Baoshan Guo (South China University of Technology, China)	[ORG3-23] Rapid Conformal Heat Cycle Injection Molding for Polymer Microstructure using Carbon-bonded Graphene Coating on Silicon Mold Pengcheng Xie (Beijing University of Chemical Technology, China)	[15:30-16:00] [KLS2-15] Recent Developments and Applications of Self-healing Polymer Based on Supramolecular Network Jae Woo Chung (Soongsil University, Korea)	[ORG4-13] Processing and Properties of Thermoplastic Elastomers Based on Recycled Polyethylene and EPDM Densified Composite LCS Mansuz-Zucoscer (Case Western Reserve University, USA)	[15-20-15-45] [KLS4-08] Chemorheology Studies for Thermoplastic Polyurethane and Thermoplastic Polyurethane/carbon Nanotube Composites LCS Mansuz-Zucoscer (Case Western Reserve University, USA)			
15:40-16:00	[15-30-15-50] [OR8-24] The Influence of Carbon Nanotubes on Thermal Expansion and Axial Resistance of PP and PA (filled) and reinforced with Glass Fibers Stephan Laske (Montanuniversität Leoben, Austria)	[ORG7-10] Characterization of a Flexible Hinge Containing a Rebound Effect made of Polypropylene-based Fibrous Fabrics Fahoua Jakob (Universitat Kassel, Germany)	[ORG5-06] The Effect of Silane Addition Timing on Mixing Processability and Properties of Silica Reinforced Rubber Compound Gyeongho Jeong (NEXENTIRE, Korea)	[ORG12-11] Preparation and Characterization of Ecofriendly Urethane Gum/Polypropylene or Polyolefin Elastomer Thermoplastic Vulcanizates Qinghong Fang (Shenyang University of Chemical Technology, China)	[ORG3-24] Consideration of Uniform Temperature at Inside Surface of Barrel System by Cooling Induction Coil with Magnetic Flux Concentrators in an Injection Molding Machine Shang-Jyun Hwang (National Cheng Kung University, Taiwan)	[16:00-16:30] [KLS2-16] Solution-Processed Oxide Semiconductor for Large Area Electronics Hyung-Gil Kim (Chung-Ang University, Korea)	[ORG4-14] Characterization of Effect of Silica Particles on PPS Blends by Nonlinear Rheological Properties Raza Sabirhan (Pusan National University, Korea)	[15-45-16:00] [OR8-01] Manufacturing of Stimuli-Responsive Liquid Crystalline Polymer Nanostructures by Replica Molding Jeong Jae Woo (Massachusetts Institute of Technology, USA)			
16:00-16:20	[16-50-16-10] [OR8-25] Grafting of Sodium Montmorillonite with γ -Aminopropyltriethoxysilane in Ethanol/Water Dispersing Medium Mohammad Asgari (University of Calgary, Canada)	[ORG7-11] Effect of Process Parameters on Structure Development in HDPE/PAB Composite Fibers and Films Yiwen Chen (Tokyo Institute of Technology, Japan)	[ORG12-12] Influence of the Post-curing Process on Liquid Silicone Rubber Fahoua Jakob (University of Kassel, Germany)	[ORG3-25] Evaluation of a New Foaming Technology for Long Fiber Reinforced Plastics and Comparison with Incubent Foaming Technology Angel Yarev (SABIC Innovative Plastics, The Netherlands)	[OR3-24] Inter-diffusion and Chain Orientation in Drying of Two Partially Miscible Polyimide Layers Byoung-Joon Jeong (Seoul National University, Korea)	[16:10-16:25] [KLS4-09] Irreducible Stimuli Responsive Block Copolymer Hydrogels Doo Sung Lee (Sungkyunkwan University, Korea)					
16:20-16:40	Break (10')										
16:40-17:10	[16-40-17-00] [OR8-26] A Study on Parameters Affecting the Localization of Carbon Nanotubes in the Poly(vinylidene fluoride)/Multi-Walled Carbon Nanotube Nanocomposites Hassan Bichara (Amirkabir University of Technology, Iran)	[16-40-17-00] [ORG7-12] Melt Fracture Modeled as 2D Elastic Flow Instability Younghoon Kwon (Sungkyunkwan University, Korea)	[KLG5-03] Dispersion of Carbon Black in Rubber Compounds: Role of Surface Engineering Sadhana C. Jana (University of Akron, USA)	[KLG2-02] Scale-up of High Performance Screw for APS Manufacture Kun Sog Hyun (Polymer Processing Institute and New Jersey Institute of Technology, USA)	[KLG3-03] A Comparison between the Mechanical Properties of EPS, EPP and ETPU Particle Foams Altafzad Volker (University of Bayreuth, Germany)	[KLS2-18] Solution-Processed Oxide Semiconductor for Large Area Electronics Hyung-Gil Kim (Chung-Ang University, Korea)	[16-40-16-55] [KLS4-11] Direct Observation and Measurement of the Shapes of Fibers in Polypropylene Composite through Micro-CT Imaging Keeyoung Lee (Chungnam National University, Korea)	[16-55-17-10] [KLS4-12] Functional Nanomaterials based on Soft and Hard Nanoporous Templates Jin Kon Kim (Pohang University of Science and Technology, Korea)			
17:10-17:30	[17-00-17-20] [OR8-27] Nanocomposites of Carbon Nanotubes with Aqueous Polyurethane Dispersion Fernando Duarte (University of Minho, Portugal)	[17-00-17-20] [ORG7-13] Integrated Method of Stability and Frequency Response in Film Casting Process Using Force Boundary Condition Younghoon Kwon (Korea University, Korea)	[ORG6-07] The Effect of the Compounding Method on the Properties of Rotationally Molded Polyethylene Colored with Gold Pigment Angeliki Rodriguez (University of Minho, Portugal)	[ORG2-09] A Modified Dynamic Mixing Ring Device for the Application in High Speed Extruders Rong Long (Zhejiang University, China)	[ORG9-10] Foaming behavior of the Mullified PPS/PA6 Blend and its Anisotropic Mechanical Properties Wang Long (Zhejiang University, China)	[17-10-17-40] [KLS2-17] Novel Resistive Switching Memory Devices towards Non-volatile Electronics without Switching Layer Jin Liang Lee (Kookmin University, Korea)	[17-10-17-25] [KLS4-13] Li-ion Batteries for Energy Storage Solutions Myung Hwan Kim (LG Chem, Korea)				
17:30-17:50	[17-20-17-40] [OR8-28] Following the Dispersion of Graphite Nanoplatelets in Polypropylene R. Li Santos (University of Minho, Portugal)	[17-20-17-40] [ORG7-14] Differential-integral method in Polymer Processing: Taking Melt Electrospinning Technique for Example Wenjun Yang (Beijing University of Chemical Technology, China)	[ORG6-08] Processing Strategies in Twin-Screw Extrusion for Halogen-Free Wire and Cable Compounds John W. S. Lee (LS Cable & System Ltd., Korea)	[ORG2-10] Development of a New 3D OpenCellular Solver to Model the Cooling Stage in Profile Extrusion D. S. Carneiro (University of Minho, Portugal)	[OR8-11] Blending Novelty® Thermoplastic Protein with PLA for Carbon Dioxide Assisted Batch Foaming Anuradha Walawalka (University of Waikato, New Zealand)	[17-40-18-10] [KLS2-18] Solution Sheared Organic Thin-Film Transistors Won-Ya Lee (National Taipei University of Technology, Taiwan)	[17-25-17-40] [KLS4-14] The Roll-to-Roll Coating for Flexible Devices Jae Heung Lee (Korea Research Institute of Chemical Technology, Korea)	[17-40-17-55] [KLS4-15] Proton Conducting Polymer Electrolyte Membranes Prepared from Multi-Block and Random Copolymers based on Poly(Arylene Ether Ketone) Dukjoon Kim (Sungkyunkwan University, Korea)			
17:50-18:10	[17-40-18-00] [OR8-29] Effect of Nanoparticle Incorporation on Amorphous and Crystalline Fractions of Polyamide 6 Maleic Jeremie Soulezin (Mines Douai, France)	[ORG7-15] Differential-integral method in Polymer Processing: Taking Melt Electrospinning Technique for Example Wenjun Yang (Beijing University of Chemical Technology, China)	[ORG2-11] Comparison between Decrosslinking of Crosslinked High and Low Density Polyethylenes via Ultrasonically Aided Auriana I. Jayaraj (University of Akron, USA)	[ORG2-11] Comparison between Decrosslinking of Crosslinked High and Low Density Polyethylenes via Ultrasonically Aided Auriana I. Jayaraj (University of Akron, USA)	[17-55-18-10] Closing Remark Sung Chul Kim (Korea Advanced Institute of Science and Technology (KAIST), Korea)						
18:10-18:30	Break										
18:30-20:30	Banquet										

Date/Time	June 11 (Thu)								
8:00-8:30	Registration								
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B	
Session	G8. Polymer Nanostructures & Nanocomposites	G11. Polymer Composites	G1. Rheology and Rheometry	G12. Rubber Processing and Technology	G4. Polymer Blends and Alloys	G7. Films and Fibers	G5. Mixing and Compounding	G13. Advanced Polymer Materials	
Chair	Jeremie Soulestin Jan Xu	Dan-Thuy Van-Pham	Seung Joon Park	Wonho Kim	Denis Rodrigue	Hyun Wook Jung	Byeong Joon Jeong Tadamoto Sakai	Soojin Park Du Yeol Ryu	
8:30-9:00	[KLG8-04] Monitoring Compounding and Processing of Polypropylene/Graphite Nanoplates Composites <i>José Antonio Covas (University of Minho, Portugal)</i>	(8:30-8:50) [ORG11-24] Influence of Polyethersulfone Functionalization on the Delamination Toughness in Carbon Fibers Composite Materials Processed by Resin Transfer Moulding (RTM) <i>Wael Balaout (Université catholique de Louvain, Belgium)</i>	[KLG1-02] Contact Line Motions of Polymeric Fluids <i>Chongyup Kim (Korea University, Korea)</i>	[KLG12-04] Soft Materials for 3D Printing <i>Jinuk Kim (GyeongSang National University, Korea)</i>	(8:30-8:50) [ORG4-15] Improvement of Both Impact Properties and Fluidity of Polypropylene Blends through Reactive Extrusion <i>Camille Josse (Insa De Lyon, France)</i>	(8:30-8:50) [ORG7-15] Towards Novel wound Dressings: Antibacterial Properties of Zinc Oxide Nanoparticles and Electrospun Fiber Mats of Zinc Oxide Nanoparticle/ Poly(Vinyl Alcohol) Hybrids <i>Satish Sukumaran (Yamagata University, Japan)</i>	[KLG5-04] An Investigation of CNT Dispersion in Twin Screw Extrusion of Industrial Scale <i>Byeong Joon Jeong (LG Chemical, Ltd, Korea)</i>	(8:30-8:50) [ORG13-17] Epoxy Adhesive Formulations for Engineered Wood Manufacturing : Design of Experiment(DOE) <i>Waree Wangkheeree (Suranaree University of Technology, Thailand)</i>	
9:00-9:20	[ORG8-30] Electrical Conductive Surface Functionalization of Polycarbonate with Carbon Nanotubes using Surface Reactive Injection Molding <i>Michael-Thomas Müller (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)</i>	(8:50-9:10) [ORG11-25] Structured Composite Scaffolds with Superior Mechanical Performance for Enhancing Reconstruction of Cranial Bone Defects <i>Jin Zhang (Sichuan University, China)</i>	[ORG1-05] Crystallization of Olefin Block Copolymer: Understandings From Rheology <i>Wei Yu (Shanghai Jiao Tong University, China)</i>	[ORG12-13] Co-extrusion Die Design and Computer Simulation for Tire Tread Manufacturing <i>Min-Young Lyu (Seoul National University of Science and Technology, Korea)</i>	(8:50-9:10) [ORG4-16] Mechanical Properties of PP/PA Blends in Addition with PP-g-MAH with Different PP Molecular Weight and MAH Content <i>Katsuhisa Tokumitsu (The University of Shiga Prefecture, Japan)</i>	(8:50-9:10) [ORG7-16] Formation of Bead-free Fibers of PS via Electrospinning using PA6 or PA6/PS-co-TMI as Additives <i>Yin Tang (Zhejiang University, China)</i>	[ORG5-10] Flow Modelling and Numerical Simulation of a Molten Polymer in a Buss Co-kneader <i>Lucas Sardo (Mines-Paristech, France)</i>	(8:50-9:10) [ORG13-18] Impact of Interfacial Dynamics of Polymers on Bio-inertness <i>Matsuno Hisao (Kyushu University, Japan)</i>	
9:20-9:40	[ORG8-31] Fabrication of Functional Composites with Carbon Nanomaterial Embedded Hybrid Preform by Liquid Molding Process <i>Dong Gi Seong (Korea Institute of Materials Science, Korea)</i>	(9:10-9:30) [ORG11-26] Bonding of Overmolded TPU on Steel Substrates with Different Surface Treatments <i>Jaime Alejandro Puentes Parodi (Leibniz-Institut für Polymerforschung Dresden e.V., Germany)</i>	[ORG1-06] Rheological Behavior of Branch Modified Poly(Butylene Succinate) <i>Zhiguo Qi (Tsinghua University, China)</i>	[ORG12-14] Characterization of the Axial Temperature Profile in the Injection Chamber under Processing Conditions of a State of the Art FIF0-Rubber Injection Unit <i>Roman Kerschbaum (Polymer Competence Center Leoben GmbH, Austria)</i>	(9:10-9:30) [ORG4-17] Study on Reactive Blends of PBS and PA6icoT <i>Kun Cao (Zhejiang University, China)</i>	(9:10-9:30) [ORG7-18] A Novel Wound Dressing Based on Silver Nanoparticles on The Mussel Inspired Catecholic Nanofibers <i>Amin Ghavamifard (Chonbuk National University, Korea)</i>	[ORG5-11] Role of Twin Screw Extruder Design and Addition of Nano-fillers in Reactive Processing Technology <i>Tadamoto Sakai (Shizuoka National University, Japan)</i>	(9:10-9:30) [ORG13-19] Thermal Stimuli-Responsive Behavior and the Tunability of Pyrene End-Functionalized PDMS <i>Heonyeo Ha (The University of Texas at Austin, USA)</i>	
9:40-10:00	[ORG8-32] Preparation of Polymer/Layered-materials Nanocomposites through Solid State Shear Compounding Technology <i>Kanshe Li (Xidian University of Science and Technology, China)</i>	(9:30-9:50) [ORG11-27] Surface Characteristics of Zinc Oxide coated Carbon Fibers <i>Seung A Song (Chonbuk National University, Korea)</i>	[ORG1-07] Stress Relaxation behavior of Polyolefin Polymer Blends Based on PP/HDPE <i>Saeed Shafiei Sararoudi (Islamic Azad University, Iran)</i>	[ORG12-15] Construction and Design Hybrid Fillers in Rubber Composites <i>Zhenghai Tang (South China University of Technology, China)</i>			[ORG5-12] Thermal Stability of Polyethylene Grades in Presence of Phosphite Based Stabilizer Additives: Thermal Degradation and Rheological Behavior <i>Ali Keshavarzian (Iran polymer and Petrochemical Institute-Jam Petrochemical Company, Iran)</i>	(9:30-9:50) [ORG13-20] High Tg and Fast Curing Epoxy-based Anisotropic Conductive Paste for Electronic Packaging <i>Keeeratham Waralee (Chulalongkorn University, Thailand)</i>	
10:00-10:20			[ORG1-08] Rheological Properties of Biodegradable Polyolefin based on HDPE/TPS <i>Saeed Shafiei Sararoudi (Islamic Azad University, Iran)</i>	[ORG12-16] Influence of the Amounts of Glycidyl Methacrylate on the Mechanical and Dynamic Properties of Styrene-Butadiene-Glycidyl Methacrylate Terpolymer/Silica Compounds <i>Kihyun Kim (Pusan National University, Korea)</i>					
10:20-10:40	Break (20 min)								
Room	SAMDA A	SAMDA B	301	302	303	401	402 A	402 B	
Session		G11. Polymer Composites	G1. Rheology and Rheometry		G9. Foam	G7. Films and Fibers	G5. Mixing and Compounding		
Chair		Bongjun Yeom	Kyu Hyun		Chul B Park	Satish Sukumaran	Wook Ryol Hwang		
10:40-11:10		(10:40-11:00) [ORG11-28] An Investigation on the Effect of Miscibility on the Microstructure and Mechanical Properties of Polyethylene/Chitosan Composite Films <i>Yi Min Tan (National University of Singapore, Singapore)</i>	(10:40-11:00) [ORG1-09] Silt-die Rheometry and its Potential in Polymer Melt Rheology <i>Walter Friesenbichler (Institute of Injection Molding of Polymers, Austria)</i>		(10:40-11:00) [ORG9-12] Foaming Behavior of FEP assisted with scCO ₂ <i>Kun Cao (Zhejiang University, China)</i>	(10:40-11:00) [ORG7-19] Mass-productions of Porous Polymethylmethacrylate Template with Controlled Array Structure <i>Bo Yang (Research Center of Laser Fusion, China Academy of Engineering physics, China)</i>	[KLG5-05] Challenges in Mixing Biofillers in Polymeric Systems <i>Ica Manas-Zloczower (Case Western Reserve University, USA)</i>		
11:10-11:30		(11:00-11:20) [ORG11-29] Screw Geometry Design and Performance Effects on Fiber Breakage Investigation <i>Chen-Han Tseng (Coretech System Co. Ltd, Taiwan)</i>	(11:00-11:20) [ORG1-10] Piezoresistive Immersion Rheometer <i>Minyoung Kim (Korea Advanced Institute of Science and Technology, Korea)</i>		(11:00-11:20) [ORG9-13] Fabrication and Characterization of Low density TAC Aerogels <i>Yu Fang (Research Center of Laser Fusion, China Academy of Engineering physics, China)</i>	(11:00-11:20) [ORG7-20] Long Term Response of PP Geotextiles: UV Aging <i>Jorge Alberto Medina (Universidad de los Andes, Colombia)</i>	[ORG5-13] Strain Mode of General Flow: Characterization and Implication to Mixing <i>Yasuya Nakayama (Kyushu University, Japan)</i>		
11:30-11:50		(11:20-11:40) [ORG11-30] Enhancing Mechanical Properties of Natural Fiber-reinforced Composite by Polymerization Technique <i>Dan-Thuy Van-Pham (Can Tho University, Vietnam)</i>	(11:20-11:40) [ORG1-11] Static Yield Stress of a Magnetorheological Fluid Containing Pickering Emulsion Polymerized Fe ₂ O ₃ /Polystyrene Composite Particles <i>Yongsok Seo (Seoul National University, Korea)</i>		(11:20-11:40) [ORG9-14] Measuring and Modeling the Dimensional Stability of High Density Polyurethane Foams <i>Kevin Long (Sandia National Laboratories, USA)</i>	(11:20-11:40) [ORG7-21] Correlation between Raman Spectra and Physical Properties of Poly(ethylene terephthalate) Fiber <i>Dong-Woo Go (Tokyo Institute of Technology, Japan)</i>	[ORG5-14] Tensorial Navier-slip for Flows with Patterned Surfaces <i>Hye Kyeong Jang (GyeongSang National University, Korea)</i>		
11:50-13:30	Lunch (Delizia)								
13:30-14:10	[Room: HALLA]	(Chair: Giuseppe Titomanlio)	*The Lambla Award- [PL07] Mutual Effects of Flow and Crystallization: Analysis of Morphology Development and Hardening in a Polypropylene <i>Roberto Pantani (University of Salerno, Italy)</i>						
14:10-14:50	[Room: HALLA]	(Chair: Ica Manas-Zloczower)	*The James L. White Innovation Award-[PL08] Next Generation Simulation Technology and Polymeric Theories for Injection Molding Process with Industrial Complexity <i>Rong-Yeu Chang (Coretech System (Moldex3D) Co. Ltd, Taiwan)</i>						
14:50-15:10	[Room: HALLA]	Closing Ceremony <i>(Raffle Prize)</i>							