Polymers 2026 Program

25 June 2026 (Thursday)

Time: 15:00 (CST, China) | Foyer, 4th Floor

CST Time	Speaker	Title
15:00–17:30		Check-In & Onsite Registration

26 June 2026 (Friday)

Time: 8:00 (CST, China) | Foyer, 4th Floor

CST Time	Speaker	Title
8:00–9:00		Check-In & Onsite Registration

Time: 9:00 (CST, China) | Courtyard Ballroom A, 4th Floor

CST Time	Speaker	Title
9:00–9:10		Opening Ceremony
9:10–9:50	**Prof. Dr. Katja Loos** Keynote Speaker	Green Pathways to Functional and Renewable Polymeric Materials
9:50–10:30	**Prof. Dr. Amadeo Rodriguez Fernandez-Alba** Keynote Speaker	Micro- and Nanoplastics in Agricultural Crops: Plant Responses to Plastic Particles, Additives and Aged Polymers
10:30–11:00		Tea Break
11:00–11:40	**Dr. Sing Swee Leong** Keynote Speaker	Additive Manufacturing - A Sustainable Approach to Polymers Processing
11:40–13:00		Lunch
13:00–14:00		Poster Session

Session 7. Polymers and the Environment

Time: 14:00 (CST, China) | Courtyard Ballroom A, 4th Floor

CST Time	Speaker	Title
14:00–14:05		Session Introduction
14:05–14:30	**Prof. Dr. Sergey V. Lyulin** Invited Speaker	Microplastics in Polymer Science: General Challenge and Computer Simulations
14:30–14:45	**Haolin Liu** Oral Presenter	Design, preparation and application of monodisperse polymer microspheres in ion chromatography-mass spectrometry
14:45–15:00	**Netshedzo Tshikosi** Oral Presenter	Waste-to-Resource Nano-Magnetic Chitosan Composite for the Hybrid Adsorption and Sustainable Recovery of Pt(IV) and Pd(II) from Real Refinery Wastewater
15:00–15:15	**Alexandra L. Nikolaeva** Oral Presenter	UV-aging of model undyed and dyed polystyrene microparticles
15:15–15:30	**Patrick Navard** Oral Presenter	Migration of Organic Additives from Low-Density Polyethylene into Human Skin: An Ex Vivo Study
15:30–15:45	**Domenico Riccardi** Oral Presenter	Pollutant removal from wastewater throughout a functionalized membrane based on poly(2,6-dimethyl-1,4-phenylene)oxide (PPO)
15:45–16:15		Tea Break
16:15–16:30	**Tingting Yun** Oral Presenter	Porous Hydrogel-Based Janus Photothermal Distillation Membranes with Enhanced Anti-fouling and Water Flux for Seawater Desalination

16:30–16:45	**Nhlanhla Nkosi** Oral Presenter	Environmental Impacts of Waste Tyre Reuse and Material Recovery Strategies in South Africa: An LCA Approach
16:45–17:00	**Leonid Iliasov** Oral Presenter	Network polyanions as multifunctional soil amendments
17:00–17:15	**Paola Rizzo** Oral Presenter	A New Generation of Micro and Macroporous Polymer Films: From Structural Design to High-Impact Environmental Applications
17:15–17:30	**Gamaliel Alvarado-Molina** Oral Presenter	ENHANCED SOLAR PHOTOCATALYTIC DEGRADATION OF EMERGING CONTAMINANTS USING NIRACTIVE TiO2–ZnO NANOCOMPOSITES
17:30–17:45	**Alireza Ranjbari** Oral Presenter	Mechanistic Evaluation of POP-Based Visible-Light Photocatalysis for Tracking Thiabendazole Removal Pathways
17:45–18:00	**Angela Erbaggio** Oral Presenter	Uniplanar crystalline phase orientation in PBS films
18:00–21:00	**Social Activity**	

Session 4. Polymer Networks and Gels
Session 2. Green Sustainable Polymers - Part I

Time: 14:00 (CST, China) | VIP Room, 4th Floor

CST Time	Speaker	Title
Session 4. Polymer Networks and Gels		
14:00–14:05	**Session Introduction**	
14:05–14:30	**Prof. Dr. Hong Yang** Invited Speaker	Syntheses and Applications of Liquid Crystal Polymeric Materials
14:30–14:45	**Gianluca Vidali** Oral Presenter	Single-step grafting of a thermoresponsive RAFT polymer from nanocellulose by radical decarboxylation
14:45–15:00	**Hong Liu** Oral Presenter	The Gelation Transition of Olympic Gel
15:00–15:25	**Prof. Dr. Farzad Seidi** Invited Speaker	Crosslinkable Polysaccharides for Developing Functional Injectable Hydrogels for Wound Healing
15:25–15:40	**Zhaoming Zhang** Oral Presenter	Modulation of the Mechanical Properties of Supramolecular Crosslinked Networks
15:40–15:55	**Wuyu Wang** Oral Presenter	Green Fabrication of Cross-Linker-Free Chitosan–MnO_2 Composite Aerogels for Efficient Room-Temperature Formaldehyde Removal
15:55–16:15	**Tea Break**	
16:15–16:40	**Prof. Dr. Xin Chen** Invited Speaker	TBA
16:40–16:55	**Linglin Cheng** Oral Presenter	Tuning aromatic affinity in PMHS through phenyl functionalization for efficient hydrocarbon separation
Session 2. Green Sustainable Polymers - Part I		
16:55–17:00	**Session Introduction**	
17:00–17:25	**Prof. Dr. Liang Yuan** Invited Speaker	Recyclable Polymer Networks from Renewable Raw Materials via Thiol-X Chemistries
17:25–17:40	**Mukhamed Khavpachev** Oral Presenter	Mechanochemical Preparation of Solid Dispersions of Poorly Soluble Bioactive Compounds with Functional Carriers
17:40–17:55	**Vladislav Potseleev** Oral Presenter	Solvent-free Modification of Chitosan with Sorbic Acid for Tunable Stabilization of ZnS Quantum Dots
17:55-18:10	**Jiaqi Guo** Oral Presenter	Regulation of Chiral Nematic Structures in Cellulose Derivatives and Construction of Functional Materials
18:10–21:00	**Social Activity**	

27 June 2026 (Saturday)

Time: 9:00 (CST, China) | Courtyard Ballroom A, 4th Floor

CST Time	Speaker	Title
9:00–9:40	**Prof. Dr. Yen Wei** Keynote Speaker	Photoactive Materials for Water Treatment, Soft Robots and Tumor Theragnosis
9:40-10:20	**Prof. Dr. Zhengwei You** Keynote Speaker	The dynamic cross-linking strategies simultaneously enhance the mechanical and processing properties of polyurethanes
10:20-10:50		Tea Break
10:50-11:30	**Prof. Dr. Wei Yu** Keynote Speaker	Jamming in Polymer Nanocomposites
11:30-12:10	**Dr. Maria Narantzaki** Keynote Speaker	Precision Polymer Synthesis and DNA Nanotechnology:A New Land for the Design of High-Performance Hybrid Materials
12:10-14:00		**Lunch**

Session 3. Polymer Processing
Session 1. Polymer Synthesis

Time: 14:00 (CST, China) | Courtyard Ballroom A, 4th Floor

CST Time	Speaker	Title
Session 3. Polymer Processing		
14:00-14:05		**Session Introduction**
14:05-14:30	**Prof. Dr. Ganji Zhong** Invited Speaker	Design and Characterization of Hierarchical Structures in Polymer Processing
14:30-14:55	**Prof. Dr. Wei Chen** Invited Speaker	In-situ NMR Reveals the Microscopic Deformation Mechanism of Polymer
14:55-15:10	**Hao Feng** Oral Presenter	Combining CFD Simulation and Experimental Investigation for the Development of Adaptable Single-Screw Extruder Mixing Elements
15:10-15:35	**Prof. Dr. Guozhong Wu** Invited Speaker	Challenging and Opportunities of Radiation Processing for Polymers
15:35-16:00	**Prof. Dr. Xiao Chen** Invited Speaker	Microfluidic-based Technology for Tailoring the Structure of Nanofiber membranes
16:00-16:30		**Tea Break & Poster Session**
Session 1. Polymer Synthesis		
16:30-16:35		**Session Introduction**
16:35-17:00	**Prof. Dr. Wei Zhang** Invited Speaker	Polymerization-induced Chiral Self-assembly: In-situ Construction of Hierarchical Chirality in Polymer System
17:00-17:15	**Zixiang He** Oral Presenter	In situ Construction and Regulation of Supramolecular Chirality in Racemic Polymer Systems
17:15-17:30	**Liting He** Oral Presenter	Clickable Dialdehyde-Amine Polymerization (cDAP)
18:30-20:00		**Banquet Dinner**

Session 2. Green Sustainable Polymers - Part II

Time: 14:00 (CST, China) | Courtyard Ballroom B, 4th Floor

CST Time	Speaker	Title
14:00–14:05		**Session Introduction**
14:05–14:30	**Prof. Dr. Zhaobin Qiu** Invited Speaker	Structure and properties of biobased and biodegradable polymers

14:30–14:45	**Minseong Chae** Oral Presenter	Eco-Degradable Polymer Platforms with Transient Sensing for Reliable Surgical Soft Robots
14:45–15:10	**Prof. Dr. Xiao Hu** Invited Speaker	Engineering 1D and 2D Shape-Morphing Biomaterials from Protein–polysaccharide Composites via Agarose Layering: Toward Programmable, Sustainable, and Stimuli-Responsive Platforms
15:10–15:25	**Qiannan Liu** Oral Presenter	Effect of amylose/amylopectin ratio on the molecular orientation and performance of three-dimensional-printed thermoplastic starch/polylactic acid intestinal stents
15:25–15:50	**Prof. Dr. Zhanhua Wang** Invited Speaker	Hydrogen-Bonding Synergistic Covalent Adaptable Networks: Towards Recycled Elastomers with Excellent Creep-Resistant Performance
15:50–16:05	**Marco Zanetti** Oral Presenter	Recycling Thermoset Polyurethanes via Covalent Adaptable Networks: The Role of Crosslink Density in Performance Retention
16:05–16:30	**Tea Break & Poster Session**	
16:30–16:55	**Dr. Shanmugam Thiyagarajan** Invited Speaker	Dimethyl 2-methylterephthalate (DMMT): a versatile building block in polyester synthesis with intriguing gas barrier properties
16:55–17:10	**Weixing Xu** Oral Presenter	Cellulose Fiber Vitrimer: Dynamic Network Construction Mediated by Transesterification
17:10–17:35	**Prof. Dr. Rentong Yu** Invited Speaker	Mechanistic Insights into the Colloidal Stability of Synthetic Polyisoprene Latices Mediated by Protein
17:35–17:50	**Nikolaos Bikiaris** Oral Presenter	Eco-friendly synthesis of biodegradable PLA-based exfoliant microbeads via droplet microfluidics for sustainable cosmetics
17:50–18:15	**Prof. Dr. Huining Xiao** Invited Speaker	Synergistic Integration of Natural and Synthetic Polymers in Cellulosic Fibrous Interfaces for Multifunctional Wearable Systems
18:15–18:30	**Hui Li** Oral Presenter	Nucleotide Coordination Polymer: Supramolecular Self-assembly, Crystal Structure and Functional Properties
18:30–20:00	**Banquet Dinner** ***(Courtyard Ballroom A, 4th Floor)***	

28 June 2026 (Sunday)

Session 5. Polymer Composites - Part I

Time: 9:00 (CST, China) | Courtyard Ballroom A, 4th Floor

CST Time	Speaker	Title
9:00–9:05		**Session Introduction**
9:05–9:30	**Prof. Dr. Alexey V. Lyulin** Invited Speaker	Designing Fast Thermal Energy Storage: Interfacial Heat Transfer in Paraffin–Graphene Composites
9:30–9:45	**Leonor Calado Pequeneza** Oral Presenter	RECYCLABILITY AND PROCESSING PERFORMANCE OF A BIOCOMPOSITE FILAMENT FOR CIRCULAR ADDITIVE MANUFACTURING
9:45–10:00	**Abdul Hakim Shah** Oral Presenter	Optimization of physi-mechanical properties of the hydro-solvo thermally prepared TiO2/PMMA nanocomposites for dental restorative applications
10:00–10:15	**MingHao Yan** Oral Presenter	Preparation and Performance of SIS-Based Hot Melt Pressure-Sensitive Adhesive with Multiphase-Composite Bond Dynamic Interpenetrating Network
10:15–10:30	**Kristine V. Aleksanyan** Oral Presenter	Characterization of PLA-polysaccharide biocomposites with AgNPs
10:30–11:00		**Tea Break**
11:00–11:25	**Prof. Dr. Daoyong Chen** Invited Speaker	Complexly and Regularly Structured Multicomponent Polymers for Unique Applications
11:25–11:40	**Pavel Vorontsov** Oral Presenter	Multifactorial optimization of PVDF–$CoFe_2O_4$ magnetoelectric multiferroic composite synthesis by controlling the thickness, stretching, and distribution of nanoparticles in the polymer matrix to improve magnetoelectric response
11:40–11:55	**Pengchao Zhang** Oral Presenter	Superspreading-based Fabrication of Nanoporous Polymer Membranes for Stable MD Desalination
11:55–12:10	**Vitalii Salnikov** Oral Presenter	FROM LIGAND TO LINEAGE: HOW NANOPARTICLE COATINGS CONTROL MAGNETOELECTRIC STIMULATION OF MESENCHYMAL STEM CELLS IN PVDF FILMS?
12:10–12:25	**Igor Volgin** Oral Presenter	Assessing Gas Transport Properties of a Polysulfone/Asphaltene Nanocomposite Membrane via Molecular Dynamics Simulations Supported by Theoretical Analysis
12:25–14:00		**Lunch**

Session 6. Polymer Applications - Part I

Time: 9:00 (CST, China) | VIP Room, 4th Floor

CST Time	Speaker	Title
9:00–9:05		**Session Introduction**
9:05–9:30	**Prof. Dr. Xiaomin Zhu** Invited Speaker	Hyperbranched polyethoxysiloxane – a unique silica precursor polymer for preparation of nanostructured silica materials
9:30–9:45	**Yunfu Ou** Oral Presenter	Synergistic Hierarchical Toughening of FRP Laminates via CNT Powder and Ultrathin Fiber Veils
9:45–10:00	**Sibusiso Alven** Oral Presenter	Formulation and Evaluation of Polymer-based Sponges for Wound Dressing Applications
10:00–10:15	**Alexandra Mocanu** Oral Presenter	Bacterial Cellulose as a Versatile Polymer Platform for Advanced Wound Dressing Applications

10:15–10:30	**Jun Xu** Oral Presenter	Design super-strong and biomedical polyurethane materials with molecular “Lego bricks”
10:30–11:00		**Tea Break**
11:00–11:25	**Prof. Dr. Leonard Ionut Atanase** Invited Speaker	Drug-loaded polymer particles based on polyester copolymers
11:25–11:40	**Livia Alexandra Dinu** Oral Presenter	Molecularly Imprinted Biopolymer Integrated on Silicon Electrochemical Sensors for Pesticide Detection
11:40–12:05	**Prof. Dr. Pengjian Gong** Invited Speaker	Low Dielectric and High Electromagnetic Transmitting Polymeric Foams Made from Supercritical Fluid Foaming
12:05–12:20	**Elizaveta Akoulina** Oral Presenter	Polymer Organized Surface Microstructure Effect on Eukaryotic Cells Growth and Differentiation
12:20–14:00		**Lunch**

Session 5. Polymer Composites - Part II

*Time: 14:00 (CST, China) | **Courtyard Ballroom A, 4th Floor***

CST Time	Speaker	Title
14:00–14:25	**Prof. Dr. Longcheng Tang** Invited Speaker	Silicone polymers and porous composites: from fundamental research to engineering application
14:25–14:40	**M.L. Atabekyan** Oral Presenter	Novel Silicone-Based Transdermal Films for Gangleron Delivery: Synthesis, Characterization, and Release Profiles
14:40–14:55	**Aday Romero** Oral Presenter	Revalorization of agricultural waste in the manufacture of HDPE composites
14:55–15:10	**Peng Zheng** Oral Presenter	TiO2-Modified Polymer Composite Catalyst for Visible Light-Induced Selective Oxidation of Alcohols
15:10–15:25	**Mario D. Monzón** Oral Presenter	STUDY OF THE FORMULATION AND PROCESS PARAMETERS OF PLA WITH NATURAL BANANA RACHIS FIBER IN ADDITIVE MANUFACTURING
15:25–15:40	**Aynur Mammadova** Oral Presenter	COMPATIBILIZATION OF EPDM/NBR BLENDS USING 1-NAPHTHOL: RHEOLOGICAL, MORPHOLOGICAL AND SEALING PERFORMANCE ANALYSIS
15:40–16:10		**Tea Break**
16:10–16:35	**Prof. Dr. Chuangqi Zhao** Invited Speaker	Bio-inspired High-performance Nanocomposites
16:35–16:50	**Yue Xu** Oral Presenter	Highly thermal conductive and rechargeable 3D liquid metal network-based phase change composite enabling photothermal pad
16:50–17:05	**Xiaohan Wang** Oral Presenter	Cohering Particles via Weak Electromagnetic Waves for Highly Conductive Polymer Composites
17:05–17:20	**Mukul Machhindra Barwant** Oral Presenter	A Review on Padina spp.–Based Polymer Composites
17:20–17:30		**Closing Ceremony**

Session 6. Polymer Applications - Part II

*Time: 14:00 (CST, China) | **VIP Room, 4th Floor***

CST Time	Speaker	Title
14:00–14:25	**Prof. Dr. Abbas Tcharkhtchi** Invited Speaker	Physics Challenges in High-Pressure Hydrogen Storage
14:25–14:40	**Zili Zhang** Oral Presenter	High-performance acrylate dielectric elastomers under low electric fields through self-plasticizing

14:40–14:55	**Anna Senchukova** Oral Presenter	Hydrophobically Modified Comb-Like Polyelectrolytes as Efficient Nanoreactors in Aqueous Media
14:55–15:10	**Petr Fetin** Oral Presenter	Hydrophobicity overcoming, comb-like polyelectrolytes for micellar catalysis
15:10–15:25	**Hanjui Chang** Oral Presenter	Research on Optimization of Fresnel Lens Molding Process by Combining Rapid Heat Cycle Molding Technology with the Principle of Rupert's Tears
15:25–15:40	**Jingbo Wang** Oral Presenter	Electret Melt-Blown Nonwovens with Long-lasting Efficiency Based on Novel Charging Concept and Polymer Design
15:40–16:10	**Tea Break**	
16:10–16:35	**Prof. Dr. Sergey Ponomarenko** Invited Speaker	Organosilicon [1]benzothieno[3,2-b]benzothiophene-containing oligomers and polymers for solution processible organic electronics
16:35–16:50	**Muqaddas** Oral Presenter	Bioactive Edible Polymer Films Enriched with Asparagus By-product Extract for Sustainable Active Food Packaging
16:50–17:05	**Massimo Lazzari** Oral Presenter	From traditional techniques to surface-enhanced Raman spectroscopy for monitoring industrial polymer aging
17:20–17:30	**Closing Ceremony** ***(Courtyard Ballroom A, 4th Floor)***	

Poster List

No.	Name	Title
Session 1. Polymer Synthesis		
1	Nikolaos Bikiaris	Biobased azelate polyesters as macroinitiators for sustainable copolymers
2	Dimitrios Bikiaris	Ring-opening Copolymerization of L-lactide with poly(mandelic acid) for the development of biobased polyesters
3	Zixian Li	Organic-Inorganic Polyhydroxyurethanes with Double Decker Silsesquioxanes in the Main Chains
4	Yawei Zhang	Toughening of Epoxies through the Generation of Polydimethylsiloxane Nanophases
5	Fan Gui	Electronic Effects in Monoindenyl-Ketimide Titanium Catalysts for Ethylene (Co)polymerization
Session 2. Green Sustainable Polymers		
6	Wangxia Wang	Biomass-based Freshness-Indicating Packaging
7	Evangelia Balla	Bio-based NIPU nanocarriers for the encapsulation and long-acting delivery of Paliperidone Palmitate
8	Jianglu Teng	Polydimethylsiloxane Crosslinked with Benzyl Hindered Urea Bonds: Reinforcement with Lignin, Reprocessing and Functional Properties
9	Aday Romero	Valorization of textile waste for the manufacture of panels with new sustainable materials
10	Xiaohui Wang	Fabrication of Degradable Poly(olefin-ester) via Cross Metathesis Reaction From Unsaturated Polyester and Polydiene
11	Evangelia Balla	Novel NIPU Sponge-Derived Nanoemulsions as Sustained Chloramphenicol Carriers for Wound Therapy: In Vitro Cytotoxicity (MTT), Antimicrobial Performance and Franz Cell Permeation Studies
Session 3. Polymer Processing		
12	Mario D. Monzón	Specific Study of the Application of ISO/ASTM 52924 Standard in the Classification of Finished Parts Manufactured by Laser-Based Powder Bed Fusion with PA12
13	Lanji Wen	Achieving Concurrent Transparency and Stability Improvements in Quantum-Dot Films via Polymer Encapsulation
Session 4. Polymer Networks and Gels		
14	Eleonora Kim	Metal-Coordination Polysiloxanes Based on Dibenzoylmethane: Synthesis, Structure and Properties
15	Rizos-Evangelos Bikiaris	A Bioactive Nanocomposite Hydrogel Modulates the Wound Microenvironment and Accelerates Healing with Niosome-Loaded Delivery
16	Yingxiang Li	Modulation of the Mechanical Properties of Supramolecular Crosslinked Networks
Session 5. Polymer Composites		
17	Wenhan Fu	Study on the evolution relationship between microstructure and electrical properties of dielectric elastomer composites under strain
18	Rizos-Evangelos Bikiaris	Sustainable Modification of High-Density Polyethylene via Hybrid Lignin–Calcium Pimelate Additives
19	Xinyang Liu	The relationship between the dielectric properties of dielectric elastic composites and the three-dimensional dispersion structure of fillers
20	Dimitrios Bikiaris	Reactive Processing of Recycled Polyethylene Blends Modified with Lignin Additive for 3D Printing Filament Applications

21	Yijie Zhou	Engineering the Interface and Phase Morphology of PC/ASA Blends for Enhanced Low-Temperature Toughness and Processability
22	Ritsuki Wada	Development of Thermally Conductive Polyimide Hybrid Films Using Novel Composite Particles
23	Jiawei Sheng	Composite particles and Microencapsulated APP for Enhancing Flame Retardancy Thermal Insulation, and Ceramifiable Properties of EVA Composites
24	Aynur Mammadova	Investigation of the Properties of Compositions Based on Ternary Ethylene–Propylene Rubber and Plasticized Polyvinyl Chloride Blends
25	Yunfu Ou	Comparative study of chemically grafted vs. physically coated CNTs on fracture toughness of BMI/CF laminates
26	Leonard Ionut Atanase	Biocomposite microparticles loaded with Ibuprofen with antimicrobial activity
27	Yiting Weng	Tailoring thermomechanical performance of carbon fiber/polyimide composites via carbon nanotube interface engineering
28	Aynur Mammadova	Rheological, Mechanical, and Morphological Behavior of Butadiene-Nitrile Rubber/Ethylene-Propylene-Diene Rubber Blends Modified with Benzylamine-Modified Phenol-Formaldehyde Oligomer
Session 6. Polymer Applications		
29	Dejia Chen	Diradicaloid-loaded polypeptide nanoparticles for two-photon NIR phototheranostics
30	Yihuizi Li	The influence of divalent metal cation contamination (Ca2+, Mg2+, Fe2+, Cu2+) on the degradation of Nafion membrane transport performance for proton exchange membrane fuel cells: A molecular dynamics study
31	Androniki Rapti	Biopolymer-graphene aerogels as green sorbents for β-blocker detection in environmental water matrices
32	Yadong Li	Regulation of Nanoimprint UV Resists and Device Performance in Liquid Crystal Lenses
33	Jinsong Wang	Lignin self-healing coatings based on thermo-reversible Diels-Alder reaction for anticorrosion applications
34	Dimitra Lambropoulou	Iron-based MOF-embedded polymeric monoliths for sustainable PFAS determination with high-resolution mass spectrometry
35	Wenquan Xie	Highly Interconnected Uniform Nanoporous Polyimide Separators: Controllable Fabrication and Electrochemical Performance
36	Yi-Fan Rao	Coupling of Electrostatic Interactions and Electroosmotic Flow in the Translocation of a Single-stranded RNA through Charged Nanopores
37	Matvei Kadnikov	Copolymers based on nonionic and cationic surfactant monomers as co-catalysts for the Suzuki reaction
38	Sheng Ding	ROS-Responsive Microgels Loaded with VEGF-Engineered Endothelial Extracellular Vesicles for Diabetic Wound Healing via Microenvironment Reprogramming
39	Hejia Yue	Alginate-chitosan microbeads encapsulated bacteriophage phiKZ as model of bacteriophage delivery polymer system
40	Chrystalla Protopapa	Probing Melatonin's Release Pattern Using Synthetic Biopolymers
41	Xufeng Liu	Effects of mineralized alginate hydrogel microspheres on the growth and differentiation of MG63 cell line
42	Polina Zefirova	Comb-like polyelectrolytes as co-catalysts of water performed Suzuki reaction
43	Yuan Gao	Controlled Preparation and Mechanical Properties of Stretchable Polyurethane Films Based on Super-Spreadable Droplets

44	Ekaterina Sanarova	The use of poloxamers to create combined delivery systems for antitumor drugs
Session 7. Polymers and the Environment		
45	Androniki Rapti	TiO2–Decorated Nanolignin hybrids as Functional Fillers in Poly(lactic acid) (PLA) Membranes for Photocatalytic Applications
46	Dimitra Lambropoulou	Photoaging-Induced Chemical Leaching from Poly(lactic acid) Micro- and Nanoplastics: A Suspect and Non-Target LC-HRMS Study
47	Zhengyun Xie	A Redox-Responsive Nanoplatform for Heavy Metal Complexation and Plant Growth Promotion
48	Igor Volgin	Molecular Dynamics Simulations of Chain Detachment and Additive Leaching in Aged Micro- and Nanoplastics in Aqueous Environment
49	Anastasia Burmistrova	Polystyrene Foam Degradation by Zophobas Morio Larvae