

15th International Symposium on Ionic Polymerization (IP'24)

Confirmed Speakers

Plenary Lectures

CO₂-Based Copolymers as Alternatives to Petroleum-Derived Thermoplastics (PL05)



Prof. Yves GNANOU
(KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST), Jeddah, Saudi Arabia)

Living Polymerization of Glycolide. A long-standing challenge (PL07)



Prof. Nikos HADJICHRISTIDIS
(KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST), Jeddah, Saudi Arabia)

Cationic Ring Opening (co)Polymerization of 2-Oxazolines and 2-Oxazines (PL03)



Prof. Richard HOOGENBOOM
(UGENT, Ghent, Belgium)

Synergistic Developments of Living Ionic and Radical Polymerizations via Reversible Activation of Dormant Species (PL08)



Prof. Masami KAMIGAITO
(NAGOYA UNIVERSITY, Nagoya, Japan)

Dual Catalysis in Atom Transfer Radical Polymerization (PL06)



Prof. Krzysztof MATYJASZEWSKI
(CARNEGIE MELLON UNIVERSITY, Pittsburgh, United States)

Macromolecular Nucleic Acid Delivery Vehicles via Parallel Experiment and Computation (PL02)



Prof. Theresa REINEKE
(UNIVERSITY OF MINNESOTA, Minneapolis, United States)

One-Step Synthesis of Multiblock Copolymers Using Alkali Metal Carboxylate Catalyst (PL01)



Prof. Toshifumi SATOH
(HOKKAIDO UNIVERSITY, Hokkaido, Japan)

Structure-Activity-Selectivity Relationships in Controlled Polymerization Catalysis Using Renewable Resources (PL04)



Prof. Charlotte WILLIAMS
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Anionic Ring-Opening Copolymerization to Novel Gradient and Random Biobased or Biodegradable Copolymers (PL09)

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Prof. Frederik WURM
(UNIVERSITY OF TWENTE, Enschede, The Netherlands)

Invited Lectures

Well-Defined Copolymers for Nanopatterning Applications (IL23)



Prof. Apostolos AVGEROPOULOS
(UNIVERSITY OF IOANNINA, Ioannina, Greece)

Cationic Copolymerization of Vinyl Ethers with 2,3-Dihydrofuran (IL18)



Prof. Priyadarsi DE
(INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH KOLKATA, West Bengal, India)

The development of User-Friendly Ionic Polymerizations (IL04)



Prof. Brett FORS
(CORNELL UNIVERSITY, Ithaca, United States)

Stimuli-Responsive Polymer Architectures as Optical Sensing Materials and Smart Membranes (IL26)



Prof. Markus GALLEI
(SAARLAND UNIVERSITY, Saarbrücken, Germany)

Utilising Group Transfer Polymerisation (GTP) to Design Polymeric Materials (IL13)



Prof. Theoni GEORGIOU
(IMPERIAL COLLEGE OF LONDON, London, United Kingdom)

Polyoxazoline Synthesis for Gene Delivery Applications (IL22)



Prof. Philippe GUÉGAN
(SORBONNE UNIVERSITY, Paris, France)

Anionic Polymerisation of Dienes Using Flow Chemistry and in Line Monitoring (IL06)



Prof. David HADDLETON
(UNIVERSITY OF WARWICK, Coventry, United Kingdom)

Toward Precision Chain Editing of Macromolecules (IL10)



Prof. Junpo HE
(FUDAN UNIVERSITY, Shanghai, China)

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Alternating Anionic Ring-Opening Polymerization of Thiolactones and Epoxides/Cyclocarbonates (IL21)



Dr Nicolas ILLY
(SORBONNE UNIVERSITY, Paris, France)

Sequence Control by Anionic Polymerization (IL07)



Prof. Takashi ISHIZONE
(TOKYO INSTITUTE OF TECHNOLOGY, Tokyo, Japan)

Tailoring the Structure of Polyphosphoesters Towards Biodegradable Elastomers (IL24)



Prof. Christine JEROME
(ULIÈGE, Liege, Belgium)

Cationic Copolymerization of Vinyl Monomers and Cyclic Monomers for Sequence Control, Degradable Polymers, and Polymer Synthesis from Nonhomopolymerizable Monomers (IL05)



Dr Arihiro KANAZAWA
(OSAKA UNIVERSITY, Osaka, Japan)

Stereoselective Ring-Opening Polymerization of rac-Lactide Catalyzed by a Chiral Bifunctional Superbase (IL16)



Prof. Byeong-Su KIM
(YONSEI UNIVERSITY, Seoul, Korea, South)

Synthesis of Functional Polyisobutylenes: from Lewis Acids-mediated to Visible Light-Induced Cationic Polymerization of Isobutylene (IL03)



Prof. Sergei KOSTJUK
(RESEARCH INSTITUTE FOR PHYSICAL CHEMICAL PROBLEMS OF THE BELARUSIAN STATE UNIVERSITY, Minsk, Belarus)

From Metallic Gyroid Structures to Piezoelectric Nanoporous Networks (IL09)



Prof. Katja LOOS
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

Poly(2-oxazoline)s and Poly(2-oxazine)s: Synthesis of Amphiphilic Gradient and Block Copolymers and some of their Applications (IL08)



Prof. Robert LUXENHOFER
(UNIVERSITY OF HELSINKI, Helsinki, Finland)

New Monomers, New Structures and New Mechanisms in Carbanionic Polymerization (IL17)

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Dr Hongwei MA
(DALIAN UNIVERSITY OF TECHNOLOGY, Dalian, China)

Chiral Diborane Catalysts for the Preparation of Isotactic Polyethers (IL25)



Dr Stefan NAUMANN
(UNIVERSITY OF FREIBURG, Freiburg, Germany)

Implementing Ionic Polymerizations in 3D Printing, Importance of Proper Photo Base Design (IL15)



Dr Haritz SARDON
(UPV/EHU - POLYMAT, San Sebastián, Spain)

Inside Block Copolymer Micelles - a Journey of Crosslinking Strategies and Along Interfacial Boundaries (IL01)



Prof. Felix SCHACHER
(UNIVERSITY OF JENA, Jena, Germany)

Polymerization of Bio-Sourced Monomers (IL20)



Prof. Helmut SCHLAAD
(UNIVERSITY OF POTSDAM, Potsdam, Germany)

Kraton Polymers: From Polymer Design to Application (IL02)



Dr Marianne STOL
(KRATON, Amsterdam, The Netherlands)

Organocatalyzed Group Transfer Polymerization-Induced Self-Assembly and Stereoselective Ring-Opening Polymerization (IL12)



Prof. Daniel TATON
(UNIVERSITY OF BORDEAUX, Pessac, France)

AROMA – Anionic Ring-Opening Monomer Addition of Allyl Glycidyl Ether (IL11)



Prof. Patrick THEATO
(KIT-KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)

Synthesis of End-Functionalized Poly(ethylene glycol) Streamlined By Chemoselective Organocatalysis (IL14)



Prof. Junpeng ZHAO
(SOUTH CHINA UNIVERSITY OF TECHNOLOGY, Guangzhou, China)