

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

## Confirmed Speakers

### Plenary Lectures

#### CO<sub>2</sub>-Based Copolymers as Alternatives to Petroleum-Derived Thermoplastics (PL05)



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

#### Title of talk to be announced (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  
(GHENT UNIVERSITY, 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)

#### Title of talk to be announced (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)

### Combination of Calcium and Lithium Derivatives for a Stereospecific Anionic Polymerization of Butadiene (IL19)



Prof. Stephane CARLOTTI  
(UNIVERSITY OF BORDEAUX, Pessac, France)

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



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

### Title of talk to be announced (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 GEORGIU  
(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)

## Confirmed Speakers

### Toward Precision Chain Editing of Macromolecules (IL10)



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

### 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)

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

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



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

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



Dr Stefan NAUMANN  
(UNIVERSITY OF STUTTGART, Stuttgart, 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)

## Confirmed Speakers

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



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