

Program

Monday, October 5, 2026

8H45 - 9H00

Opening Remarks: Günter Reiter

Chairman: Günter Reiter

9H00 - 9H25

Claudio De Rosa, University of Naples Federico II, Italy
Revealing the Polymers Molecular Structure from the Crystal Structure and Crystallization: From Polyolefins to Sustainable Polymers

9H25 - 9H50

Marcus Werner, Institute of Polymer Research, Dresden, Germany
Crystallization of Polymer Networks under Constant Stress and Constant Strain

9H50 - 10H10

Jun Xu, Tsinghua University, Beijing, China
Findings Contesting Classical Nucleation Theories

10H10 - 10H30

Goran Ungar, Xi'an Jiaotong University, Xi'an, China
Polymorphic Self-Poisoning in Polymer Crystallization

10H30 - 11H30

Discussions and Coffee Break

Chairman: Murugappan Muthukumar

11H30 - 11H55

Pengju Pan, Zhejiang University, Hangzhou, China
Stereocomplex Crystallization of Chiral Polyesters

11H55 - 12H20

Giuseppe Milano, University of Naples Federico II, Italy
Molecular Simulations of Polymer Crystallization: From Industrial Processing to Density Fields

12H20 - 12H40

Rufina G. Alamo, Florida State University, Tallahassee, USA
Crystallization Rate Minima in a Wide Range of Undercooling and Role of Ester-Ester Interactions on Nucleation of Long-Spaced Aliphatic Polyesters

12H40 - 13H00

Finizia Auriemma, University of Naples Federico II, Italy
When High Stereo- And Regio-Regularity Does Not Lead to Polymer Crystallization

13H00 - 14H30

Lunch Break at the Conference Site

Monday, October 5, 2026

Chairman: **Go Matsuba**

- 14H30 - 14H55 **Guoming Liu**, Institute of Chemistry, CAS, Beijing, China
The Role of Interfacial Interaction and Diffusion on Polymer Nucleation Kinetics at Large Supercoolings
- 14H55 - 15H15 **Davide Tranchida**, Borouge International, Linz, Austria
Cooling Rate Dependent Organization of Noncrystalline Regions in Isotactic Polypropylene
- 15H15 - 15H35 **Rui Zhang**, Martin Luther University Halle-Wittenberg, Germany
Homogeneous Crystal Nucleation of Long-Chain Branched Poly(L-Lactic Acid) and Its Link to the Vogel Temperature

15H35 - 16H30 **Discussions and Coffee Break**

Chairman: **Wenbing Hu**

- 16H30 - 16H55 **Murugappan Muthukumar**, University of Massachusetts, Amherst, USA
Entropic Theory of Polymer Crystallization, Melting, and Melt Memory: New Concepts and Implications
- 16H55 - 17H20 **Christoph Schick**, University of Rostock, Germany
Homogeneous Crystal Nucleation and Radial Growth Rate of Near-Critical Size Crystal Nuclei
- 17H20 - 17H40 **Tiberio A. Ezquerro**, Institute of the Structure of Matter, CSIC, Madrid, Spain
Order Development in Polymer Surfaces by Laser Processing
- 17H40 - 18H00 **Musical Interlude: Gaia Bergamaschi** (Flute) and **Giovanna Alessandra Prodan** (Harp), Freiburg University of Musik, Germany

19H00 **Conference Dinner at the Colombi Hotel**

Tuesday, October 6, 2026

Chairman: **Jun Xu**

9H00 - 9H25 **Natalie Stingelin**, Georgia Institute of Technology, Atlanta, USA
Terra Incognita: Understanding Next-generation Polymer Semiconductors Using Fast Calorimetry

9H25 - 9H50 **Juan Peng**, Fudan University, Shanghai, China
Tuning the Solution Aggregation and Thin-Film Microstructures of Conjugated Polymers for Field-Effect Transistors

9H50 - 10H10 **Lucia Fernandez-Ballester**, University of Nebraska at Lincoln, USA
Generalization of Surface Freezing in P3AT Thin Films

10H10 - 10H30 **William S. Fall**, Institute Charles Sadron, Strasbourg, France
Will it Nucleate in Time? Towards Large-Scale Molecular Dynamics Simulations of P3HT Crystallization

10H30 - 11H30 **Discussions and Coffee Break**

Chairman: **Thomas Thurn-Albrecht**

11H30 - 11H55 **Dario Cavallo**, University of Genoa, Italy
Melt Memory in Semicrystalline Polar Homo- and Copolymers

11H55 - 12H20 **Oleksandr Dolynchuk**, Martin Luther University Halle-Wittenberg, Germany
Surface-Induced Ordering and Continuous Breaking of Translational Symmetry in Conjugated Polymers

12H20 - 12H40 **Joachim Loos**, South China University of Technology, Guangzhou, China, and MORPHYS, Maastricht, The Netherlands
Insights on the Inside of an UHMWPE Fiber

12H40 - 13H00 **Go Matsuba**, Yamagata University, Japan
Self-Organizing Structures and Liquid Crystalline Phase Behaviors of Poly(Acrylic Acid)/Poly(Docosyl Acrylate) Based Comb-Like Random Copolymers

13H00 - 14H30 **Lunch Break at the Conference Site**

Tuesday, October 6, 2026

Chairman: **Alejandro J. Müller**

- 14H30 - 14H55 **Kay Saalwächter**, Martin Luther University Halle-Wittenberg, Germany
Relations Between Chain Dynamics and Morphology in Semicrystalline Polyesters
- 14H55 - 15H20 **Ricardo Pérez-Camargo**, POLYMAT and University of the Basque Country, Donostia-San Sebastian, Spain
Mixed Crystallization Modes in Random Copolymers: Emerging Crystallization Regimes Beyond Classical Classification
- 15H20 - 15H40 **Zhe Ma**, Tianjin University, Tianjin, China
Flow-Induced Crystallization of Poly(Vinylidene Fluoride)

Chairman: **Günter Reiter**

15H40 - 16H10 Introduction of Posters

16H10 - ~ **Discussions and Coffee Break**

~ - 18H30 **Poster Session**

19H00 **Dinner at Hausbrauerei Feierling**



Wednesday, October 7, 2026

Chairman: **Tiberio A. Ezquerro**

- 9H00 - 9H25 **Qiang Fu**, Sichuan University, Chengdu, China
Polyethylene Reinforced via Formation of Shish–Kebab Crystal Structure
- 9H25 - 9H50 **Rose Mary Rita Michell Uribe**, Polytechnic University of Catalonia, Barcelona, Spain
The Influence of the Intracrystalline Chain Diffusion on the Nonlinear Mechanics of Semicrystalline Polymers
- 9H50 - 10H10 **Xia Dong**, Institute of Chemistry, CAS, Beijing, China
External Field Induced Structural Evolution and Property Modulation of Long Chain Polyamide Elastomers
- 10H10 - 10H30 **Anna Katharina Sambale**, Institute of Polymer Research, Dresden, Germany
In situ USAXS/WAXS Study on Structure Formation during Crystallization of Polyamide 6 under Processing-Relevant Conditions in a Custom-Built Flow Cell

10H30 - 11H30 **Discussions and Coffee Break**

Chairwoman: **Rufina G. Alamo**

- 11H30 - 11H55 **Yongfeng Men**, Changchun Institute of Appl. Chemistry, CAS, China
Crystallization Kinetics, Crystallization and Melting Lines of Deuterated and Hydrogenous Isotactic Polybutene-1
- 11H55 - 12H20 **Wenke Zhang**, Jilin University, Changchun, China
Exploring the Microscopic Structure and Chain Dynamics in Semicrystalline Polymers: A Single-Molecule Study
- 12H20 - 12H40 **Aurora Nogales**, Institute of the Structure of Matter, Madrid, Spain
Dip-Coating Physics in Ferroelectric Polymer Thin films: Controlling Crystalline Orientation Through Flow and Evaporation
- 12H40 - 13H00 **Bin Zhang**, Zhengzhou University, China
Selective Dissolution as a Tool for Detecting Spatial Variations in the Metastability Within Lamellar Polymer Crystals
- 13H00 **Closing Comments and Farewell: G.Strobl**

~ **Farewell Lunch and Informal Discussions**