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Previous EUroPOLYmer Conferences

The European Polymer Federation decided from 1998 onwards to organize a series of Europolymer Conferences (EUPOCs) on recent scientific and industrial interest topics. EUPOC takes place at the University Residential Center in Bertinoro (FC).

The scientific program includes invited lectures, oral communications, and poster presentations. Ample time is given to free discussions, encouraged by the residential style of the conference. The titles and topics of recent EUPOCs were:

- *Biobased Polymers and Related Biomaterials* (EUPOC 2011)
- *Porous Polymer-based Systems* (EUPOC 2012)
- *Polymers and Ionic Liquids* (EUPOC 2013)
- *Precision Polymers: Synthesis, Folding, and Function* (EUPOC 2014)
- *Conducting Polymeric Materials* (EUPOC 2015)
- *Block Copolymers for Nanotechnology Applications* (EUPOC 2016)
- *Polymers and Additive Manufacturing: From Fundamentals to Applications* (EUPOC 2017)
- *Biomimetic Polymers by Rational Design, Imprinting, and Conjugation* (EUPOC 2018)
- *Electrospinning and Related Techniques: From Design to Production of Advanced Polymer Materials and Devices* (EUPOC 2019)
- *Block Copolymers: Building Blocks for Nanotechnology* (EUPOC2022)
- *Dynamic Polymer Networks* (EUPOC 2023)

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Supported by



Acknowledgments



EUPOC 2024
Polymer Brushes
26-30 May 2024, Bertinoro (FC), Italy

AIM
Associazione Italiana di Scienza e Tecnologia delle Macromolecole

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First Circular & Call for Papers

<https://www.aim.it/eupoc2024>



Bertinoro-Location of EUPOC2024

Scope

The development of surfaces with well-engineered properties is a significant challenge for chemists and physicists. In this context, polymer brushes, which consist of thin organic layers of polymers tethered by one end to a substrate, represent an extremely versatile tool in surface engineering. With great progress in living/controlled, or even precision, polymerization methods, organic reactions, and supramolecular strategies, excellent control over the composition, architecture, and length of tethered polymer chains can be achieved leading to an unprecedented variety of polymer brush structures.

Control of wetting properties, tuning of interaction with biological media, colloidal stabilization, and resistance to fouling are examples of successful applications of polymer brushes. In addition, surfaces, and interfaces responsive to the surrounding environment are essential in the design of devices, from electronics to medicine.

EUPOC 2024 will offer a platform to discuss the main challenges facing this important research field, bringing together worldwide scientists and students working on different aspects of polymer brushes.

Scientific Program

The conference will be based on plenary lectures, oral communications, and poster presentations. The major addressed topics will be:

- ❖ *Synthesis and processing of Polymer Brushes (PB)*
- ❖ *Advanced characterization of PB*
- ❖ *PB theory*
- ❖ *Modeling of PB Properties*
- ❖ *Bioinspired PB*
- ❖ *Responsive PB*
- ❖ *Cutting-edge applications of PB*

Invited Speakers (to be completed)

- ❖ **A. Andrieu-Brunsen**, Technische Universität Darmstadt, Germany
- ❖ **O. Azzaroni**, National University of La Plata, Argentina
- ❖ **R. Becer**, Warwick University, United Kingdom
- ❖ **E.M. Benetti**, Università di Padova, Italy
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Call for Papers

Participants are kindly invited to submit a **one-page WORD/Pdf abstract** within February 1st 2024 by uploading it on the personal page of the AIM portal (see instructions on page <https://www.aim.it/eupoc2024/abstract>). Acceptance notifications will be sent by 15 February 2024.

Registration

Participation in Eupoc2024 is reserved for AIM Members. The yearly membership fee for 2024 is € 40.

Registration fees for Eupoc2024 are reported in the table. The amounts indicated do not include AIM fee. Two separate receipts, **VAT-exempt** as AIM is a non-profit organization (and therefore without VAT), will be issued (one for AIM membership, one for EUPOC's fee).

Registration fees*	Before	After
	April 1 st , 2024	April 1 st , 2024
Full delegate	€ 620	€ 670
Student (including PhDs)**	€ 400	€ 450
Companion	€ 250	€ 290

*including: welcome party, social dinner, coffee breaks, and lunches at the conference location

** Proof of student status should be provided (eg supervisor's declaration, student card...)

To register, please follow the instructions on the page <https://www.aim.it/eupoc2024/registration>. Registration deadline and early fee payment: April 1st, 2024. **Presenters of oral contributions must pay their registration fee by 15 April, 2024.**

Venue & Accommodation

The conference will be held on 26-30 May 2024, at the [University Residential Center, in Bertinoro \(FC\)](#), Italy.

Accommodation: **directly booked by the participants** following the instructions given at the link <https://www.aim.it/eupoc2024/accomodation>

Early booking is recommended.

Cancellation Policy

A 50% reimbursement of the prepaid registration fee will be made available after the conference for cancellations received in writing by May 1th, 2024. No refunds will be possible after that date.