Sustainability is now all across the chemical sciences and especially, a highly important topic for the polymer community. It ranges from using renewable and more sustainable resources, green production, material life span and end of use considerations, new recycling and material reuse concepts, to high performance polymers enabling new sustainable technologies. A sustainable future will hence benefit from a vivid polymer community that embraces sustainability in polymer synthesis, materials properties and industrial applications. The scope of the conference covers all physical and chemical aspects of polymers and sustainability, combining insights from academia and the chemical industry.

**CONFERENCE VENUE**

Technische Universität Dresden
ABS Haus 83
August-Bebel-Strasse 20,
01219 Dresden

**AWARDS**

Monday evening, September 16th, 2024, will see a special session including the following award ceremonies.

- **Hermann-Staudinger-Preis**
- **Reimund-Stadler-Preis**
- **Hermann-Schnell-Stipendium**

**PLENARY SPEAKERS**

- Filip Du Prez, Ghent/BE
  Recycling the unrecyclable: a story about reprocessable thermosets and debondable adhesives
- Katja Loos, Groningen/NL
  Enzymes in Action: Sustainable Approaches in Polymer Science
- Stefan Mecking, Konstanz/DE
  Chemically Recyclable and Degradable Polyethylene-Like Polymers sourced from Natural Oils or Waste
- Bernhard von Vacano, BASF/DE
  Make, Use, Recycle: The journey towards circular, sustainable polymers
- Heleen Goorissen, Avantium/NL
  Sustainable industrialization of FDCA, the building block for PEF
- Eckhard Wenz, Covestro/DE
  Sustainability and circularity of technical thermoplastic polymers in industrial life cycles

**INVITED SPEAKERS**

- Meike Leiske, University of Bayreuth/DE
- Ina Vollmer, University of Utrecht/NL
- Andrij Pich, RWTH Aachen/DE
- Michael Meier, KIT Karlsruhe/DE
- Sonja Herres-Pawlis, RWTH Aachen/DE
- Athina Anastasaki, ETH Zürich/CH
- Sabine Ludwigs, University of Stuttgart/DE
- Rupert Schnell, Evonik/DE
- Andrew Dove, University of Birmingham/UK
- Nico Bruns, Technical University of Darmstadt/DE

[www.gdch.de/makro2024](http://www.gdch.de/makro2024)

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CONFERENCE FEES

- Member GDCh (Academia): 400,–
- Non-Member (Academia): 450,–
- Member GDCh (Industry): 450,–
- Non-member (Industry): 500,–
- Student Member GDCh: 180,–
- Student Non-member: 230,–

Prices including lunch (20,-€) that needs to be chosen separately within the registration.

Conference Dinner: 70,–

DEADLINES

- Submission Deadline for contributions: April 15, 2024
- Authors Confirmation: May 15, 2024
- End of Early Bird registration: May 31, 2024

SOCIAL PROGRAMME

The conference will include a get together for no additional fee at the conference venue on Monday evening. A conference dinner (additional fee) will be held on Tuesday evening in the historic city centre of Dresden at the following location:

Restaurant Pulverturm
An der Frauenkirche 12
01067 Dresden

GENERAL MEETING

The general meeting of the GDCh-Division of Macromolecular Chemistry will take place on Tuesday afternoon (September 17, 2024) at the conference venue.

INFORMATION ABOUT THE SCIENTIFIC PROGRAMME

Prof. Brigitte Voit
Leibniz-Institut für Polymerforschung Dresden e.V.
Hohe Straße 6
01069 Dresden
+49 (0) 351 4658-590
voit@ipfdd.de

INFORMATION AND LOCAL ORGANISATION

Dr. Pauline Voigt, Dr. Jens Gaitzsch, Nicole Krause, Judith Nelke
Leibniz-Institut für Polymerforschung Dresden e.V.
Hohe Straße 6
01069 Dresden
Makro2024@ipfdd.de

GENERAL INFORMATION

Gesellschaft Deutscher Chemiker e.V. (German Chemical Society)
Lea Miskovsky – GDCh Event
P.O. Box 90 09 40
60444 Frankfurt am Main, Germany
Phone: +49 69 7917-364
Email: tg@gdch.de
Homepage: www.gdch.de/tagungen

Executive director: Professor Dr. Wolfram Koch
Registered charity no: VR 4453 · Registergericht Frankfurt am Main

ORGANISING COMMITTEE

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IPF Dresden/DE

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IPF Dresden/DE

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TU Dresden/DE

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TU Dresden/DE

Prof. P Theato
Karlsruhe/DE

Dr. J. Simon
Leverkusen/DE

ORAL CONTRIBUTIONS AND POSTERS

Beside 6 plenary and 10 invited lectures, the program will include 36 contributed lectures and up to 80 posters. Abstracts can be submitted to the topics online at www.gdch.de/makro2024

A sample abstract and instructions for the submission is to be found on this website. The scientific committee reserves the right to accept or reject papers, and to assign them to oral or poster contribution.

SCHOLARSHIPS

Information about possible Scholarships will be published at the website of the GDCh-Division of Macromolecular Chemistry.