



GENERAL INFORMATION

The twelfth Liquid Matter Conference will take place at the Johannes Gutenberg University Mainz, Germany, in 2024.

The conference will begin on the evening of Sunday, September 22, 2024, and conclude in the early afternoon of Friday, September 27, 2024. The aim of the conference is to bring together scientists working on the liquid state of matter. This rapidly growing field includes the physics, chemistry, biology, and chemical engineering of liquid matter as well as various applied research areas in the chemical, pharmaceutical and food industries.

The conference will consist of plenary lectures, topical symposia with keynote lectures and contributed oral presentations, and poster sessions. The conference can also be attended online. The plenary talks and keynote lectures will be streamed. All speakers will be on site.

TOPICS

- **Ionic Liquids, Electrolytes and Liquid Metals**
- **Water, Mixtures and Solutions**
- **Liquid Crystals and Anisotropic Fluids**
- **Polymers, Polyelectrolytes and Biopolymers**
- **Colloids**
- **Liquid interfaces, Foams and Emulsions**
- **Liquids in Confinement, Solid-Liquid Interfaces and Wetting**
- **Supercooled Liquids, Glasses and Gels**
- **Active Matter and Driven Systems**
- **Biological Fluids and Liquid-Liquid Phase Separation**
- **Liquid matter in energy, environmental and climate science**

PLENARY SPEAKERS

Monica Olvera de la Cruz	Northwestern Univ. USA
Pablo Debenedetti	Princeton Univ. USA
Miha Ravnik	Univ. of Ljubljana Slovenia
Maria Helena Godinho	New Univ. of Lisbon Portugal
Stefano Sacanna	New York Univ. USA
Detlef Lohse	Univ. of Twente The Netherlands
Aksandra Radenovic	EPFL Lausanne Suisse
Srikanth Sastry	JNC-ASR Bangalore India
Olivier Dauchot	ESPCI Paris France
Frank Jülicher	MPG-PKS Germany
Freddy Bouchet	CNRS Lyon France

CONFERENCE SITE

The conference venue is located on the campus of the Johannes Gutenberg University Mainz.

12th Liquid Matter Conference

22 - 27 September 2024

Johannes Gutenberg University Mainz, Germany
Organized by The Liquids Section of the
Condensed Matter Division of the European
Physical Society, Johannes Gutenberg University
Mainz and Max Planck Institute for Polymer
Research.

CALL FOR NOMINATIONS FOR THE LIQUID MATTER PRICE

At the 12th Liquid Matter Conference, the European Physical Society through its Liquids Section of the Condensed Matter Division will award the "Liquid Matter Prize of the European Physical Society". The prize will be awarded to a person who has made outstanding contributions to the science of liquid matter in the experimental or theoretical area and who is still active in research. The award may be given for pure or applied research. The Liquids Board of the European Physical Society issues this call for nominations, which must contain a short citation and a brief description of the main achievements of the nominated person. Self-nomination is not permitted. The nominations should be sent to Prof. Dr. Roel P.A. Dullens (roel.dullens@ru.nl) no later than September 30, 2023.

REGISTRATION FEE

Standard conference fee: EUR 550 (600 late)
Students conference fee: EUR 350 (400 late)
EPS members, reduced fee: EUR 500 (550 late)
Virtual attendance: EUR 200

Registration fee includes the admission to all scientific sessions, the conference materials, coffee breaks, mensa ticket and the welcome reception.

LOCAL ORGANIZING COMMITTEE

Hans-Jürgen Butt
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Doris Vollmer

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Further information: www.lmc2024.com



European Physical Society
Condensed Matter Division

JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



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