

The thematic scope of the conference covers a wide range of topics related to issues such as energy, environment, biotechnology, electronics, and optoelectronics. The presentations will focus on the following topics:

- Dielectric materials for electronics, photonics, and biotechnology: piezoelectrics, pyroelectrics, ferroelectrics, multiferroics, ceramics, polymers, glasses, composites and nanostructures, ionic conductors, 3D printing materials, electrocaloric materials, thermoelectrics, dielectrics for superconducting applications, bioelectrics for environmental applications and bioengineering systems, and metamaterials;
- Dielectric properties;
- Polarization phenomena;
- Electric conductivity;
- Surface and interfacial phenomena;
- Measurement techniques: Impedance spectroscopy, NMR spectroscopy, Raman and IR spectroscopy, new diagnostic applications for dielectrics, advanced characterization;
- Modeling and theory;
- Dielectric devices for biotechnological and industrial applications: electricity storage, supercapacitors, electrostatic capacitors, electrolyzers, batteries.

INVITED SPEAKERS

Marinella Striccoli

National Research Council of Italy Institute for Physical and Chemical Processes - Bari Division, Bari, Italy

Anna Gaĝor

Institute of Low Temperature and Structure Research PAS, Wrocław, Poland

Hynek Němec

Institute of Physics ASCR, Prague, Czech Republic

Andrzej Katrusiak

Faculty of Chemistry, AMU, Poznań, Poland

Luís Cadillon Costa

I3N, University of Aveiro, Aveiro, Portugal

Tamara Petkova

IEES, BAS, Sofia, Bulgaria

Yasuo Cho

Research Institute of Electrical Communication, Tohoku University, Sendai, Japan

Friedrich Kremer

Institute of Experimental Physics I, University of Leipzig, Leipzig, Germany

Ashok Vaseashta

International Clean Water Institute, Manassas, Virginia, USA

Amina Tachafine

Littoral-Côte d'Opale University, Dunkerque, France

Mustapha Ait Ali

Faculty of Sciences-Semlalia, Cadi Ayyad University, Marrakech, Morocco



The Seventh International Symposium on Dielectric Materials and Applications ISyDMA⁷ conference, which for the first time will be held in Poznań, Poland.



The meeting is organized by the Institute of Molecular Physics Polish Academy of Sciences in cooperation with Adam Mickiewicz University and its Foundation.

We are happy to host the ISyDMA⁷ conference in Poznań – an academic city with solid research groups working on the material sciences.

IMPORTANT DATES

- 1 SEPTEMBER 2022**
- start registration for participants, start of submitting abstracts
- 31 OCTOBER 2022**
- deadline of standard registration, and abstract submission
- 15 NOVEMBER 2022**
- deadline of and abstract submission
- 15 NOVEMBER 2022**
- deadline of and abstract acceptance
- 15 NOVEMBER 2022**
- deadline for payment

Scientists intending to participate at the ISyDMA⁷ conference are kindly requested to register by filling in our on-line registration form (before October 31, 2022).

Please note that registration is required for subsequent activities related to your participation in the conference.

The payment must be made by November 15, 2022.

- Online participation - regular fee: **100 euro**
- Online participation - student fee: **50 euro**



PUBLICATION

This year ISyDMA⁷, conference papers will be published in the Special Issue of Phase Transitions (Taylor & Francis Enc.).

Participants of the Conference are encouraged to present papers to the Special Issue of Phase Transitions edited by Zbigniew Czapla, Andrzej Hilczer, and Maria Zdanowska-Frączek.

Submission of papers will be processed through the Phase Transitions website <http://mc.manuscriptcentral.com/gpht>.

Deadline of submission: December 6th, 2022.

Please note that the date of the article submission is a lot earlier than the date of the Conference. We want to point out that there is no possibility to submit an article during the Conference!

ORGANIZING COMMITTEE

- Maria Zdanowska-Frączek – chairman** Institute of Molecular Physics PAS
- Bartłomiej Andrzejewski – co-chairman** Institute of Molecular Physics PAS
- Mateusz Kempniński – co-chairman** Faculty of Physics AMU
- Paweł Ławniczak – secretary** Institute of Molecular Physics PAS
- Andrzej Hilczer** Institute of Molecular Physics PAS
- Monika Jażdżewska** Faculty of Physics AMU
- Łukasz Lindner** Institute of Molecular Physics PAS
- Adam Ostrowski** Institute of Molecular Physics PAS



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We look forward to welcoming you ONLINE to the ISyDMA⁷ conference!