



Dear colleagues,

On behalf of the National Institute for Laser, Plasma and Radiation Physics (INFLPR), we are pleased to invite you to attend **The International Conference on Laser, Plasma and Radiation - Science and Technology (ICLPR-ST)**, which will be held between June 7-10, 2022 at the Palace of Parliament, Bucharest, Romania.

ICLPR-ST is organised by INFLPR with Magurele Science Park participation. Our aim is to bring together researchers from the fields of lasers, plasma, and radiation from Romania and abroad providing a unique environment for sharing and promoting the latest scientific and technological developments.

ICLPR-ST is naturally following a significant number of international conferences organized in the last 50 years by IFTAR, which later became INFLPR. The history started with TQE series, continued with ROMOPTO, CPPA series, OSA and SPIE student chapters conferences, INDLAS, also itinerary conferences such as ICPIG-1969, EMLA -1998, ALT-2001, ESCAMPIG-2004, ALT-2006, ICPEPA-2010, LIC-2017, and several COST Conferences in 2009 and 2012.

ICLPR-ST will be organized in a hybrid format. There are scheduled lectures of distinguished invited speakers, oral and poster presentations regarding the latest advancements in the fields of research, an exhibitor's workshop, and as well as social activities.

The International Conference on Laser, Plasma, and Radiation - Science and Technology (ICLPR-ST) includes a broad variety of topics:

- Fundamentals, diagnostics and modelling in laser, plasma and radiation physics
- Advances in optics, laser and photonics
- Interaction of radiation with matter under extreme conditions
- New trends in thin films and nanomaterials synthesis and processing
- Modern applications in environment, life sciences and energy
- Innovative technologies for sustainable future

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Chairs: **Valentin CRACIUN, Maria DINESCU, Ion N. MIHAILESCU, Bogdana MITU**

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INVITED SPEAKERS

Prof. Annemie BOGAERTS - University of Antwerp, Belgium
Dr. Laurentiu BRAIC - King Abdullah University of Science and Technology, Thuwal, Saudi Arabia
Prof. Peter BRUGGEMAN - University of Minnesota, USA
Prof. Hassan CHAMATI - Institute of Solid State Physics, Sofia, Bulgaria
Prof. Traian DUMITRICA - University of Minnesota, USA
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Dr. Christian GRISOLIA – CEA, Institut de Recherche sur la Fusion par Confinement Magnétique (IRFM), France

Dr. Jan LANCOK - Institute of Physics, Prague, Czech Republic

Prof. Sylvain LECLER - INSA Strasbourg, France

Prof. Dr. Thomas LIPPERT - Paul Scherrer Institute, ETH Zurich, Switzerland

Prof. Selma MEDEDOVIC THAGARD – Clarkson University, USA

Prof. Andrea MURARI - Institute of Ionized Gas IGI, Italian National Research Council, Italy

Prof. Gabriel POPESCU - University of Illinois at Urbana-Champaign, USA

Prof. Dr. Peter SCHAAF - Institute for Materials Science and Engineering and Institute for Micro and Nanotechnologies MacroNano® of TU Ilmenau, Germany

Prof. Murat SEN – Hacettepe University, Department of Chemistry, Ankara, Turkey

Prof. Koji SUGIOKA - RIKEN Center for Advanced Photonics, Wako, Saitama, Japan

Dr. Razvan STOIAN - Université Jean Monnet, Saint-Étienne, France

Prof. Takunori TAIRA - RIKEN SPring-8, Hyogo, Japan

Dr. Calin UR - National Institute of Nuclear Physics and Engineering - Horia Hulubei, ELI-NP, Magurele Romania

Prof. Stefan Ioan VOICU - Polytechnic University of Bucharest, Romania

KEY DATES

The deadline for submitting abstracts for ICLPR-ST, originally scheduled for 1 April 2022, has been extended to **14 April 2022!**

21 April, 2022: Notification of abstract acceptance

20 April, 2022: Registration open

15 May 2022: Early bird fee payment deadline

More detailed information will be provided in the second circular. In addition, updates will be regularly posted on the conference web site: <http://iclpr-st.inflpr.ro/>.

We hope that all participants will enjoy the ICLPR-ST and will remember the visit in Bucharest.

Therefore, we warmly invite you to participate in the Conference and we look forward to seeing you in Bucharest at Palace of Parliament.

Valentin CRACIUN, Maria DINESCU Ion N. MIHAILESCU, Bogdana MITU
Chairs of ICLPR-ST