



## 1<sup>st</sup> Announcement

Following the successful 1<sup>st</sup> edition in 2022, we are pleased to announce the **2<sup>nd</sup> International Conference on Laser, Plasma and Radiation - Science and Technology (ICLPR-ST)**, which is organized by INFLPR in cooperation with Laser, Plasma and Radiation - Science and Technology Association, between June 17-21, 2024, in the magnificent scenery of the Danube Delta, Lebada Luxury Resort, Crişan, Romania.

Our aim is to bring together leading experts, researchers and students working in the fields of lasers, plasma, and radiation physics, thus providing a unique complementary and interdisciplinary environment for sharing and discussing the latest scientific and technological developments. The programme will combine the scientific presentations organized as plenary and invited lectures, as well as oral and poster contributions with social activities, promoting active exchange of ideas in a relaxed atmosphere.

The conference will accommodate an **industrial workshop**, where scientific researchers and industrial engineers will present their success stories in terms of technological transfer and development of new products. Discussions about intellectual property rights and the perspectives enabled by the implementation of new emerging solutions in companies will take place during the meeting.

A **Summer School on Laser, Plasma and Radiation Physics** is also planned prior to the conference in the same location, where we warmly welcome students, young researchers and anyone interested in revisiting the fascinating world of photonics, diagnostics and laser-plasma-matter-interaction, guided by renowned scientists in these research areas.

### CONFERENCE TOPICS

- **Fundamentals, diagnostics and modeling in laser, plasma and radiation physics**
- **Advances in optics, laser and photonics**
- **New trends in thin films and nanomaterials synthesis and processing**
- **Modern applications in environment, life sciences and energy**
- **Innovative technologies for sustainable future**

### KEY DATES

- **March 1<sup>st</sup>, 2024:** The deadline for submitting abstracts
- **April 10<sup>th</sup>, 2024:** Notification of abstract acceptance
- **April 20<sup>th</sup>, 2024:** Registration open
- **May 15<sup>th</sup>, 2024:** Early bird fee payment deadline

## CO-CHAIRS

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Maria DINESCU

Ion N. MIHAILESCU  
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Angela STAIKU  
Dorina TICOS  
Mihai ZAMFIR  
Marian ZAMFIRESCU

## INVITED SPEAKERS *(preliminary list, alphabetically ordered)*

Nadjia BULGAKOVA, Institute of Physics CAS, Czech Republic

Ya CHENG, Shanghai Institute of Optics and Fine Mechanics, China

Douglas CHRISEY, Tulane University, New Orleans, USA

Fabrizio CONSOLI, ENEA - Frascati, Italy

Domenico DORIA, ELI – NP, IFIN-HH, Romania

Michela GELFUSA, University of Rome Tor Vergata, Italy  
Vasco GUERRA, Technical University of Lisbon, Portugal  
Mircea GUINA, Tampere University, Optoelectronics Research Centre, Finland  
Achim Walter HASSEL, Johannes Kepler University, Linz, Austria  
Jorg HERMANN, University of Marseille, France  
Jörg LINDNER, Paderborn University, Germany  
Tomoji KAWAI, Osaka University, Japan  
Dhanajay KUMAR, NCA&T, Greensboro, NC, USA  
Ester MAROTTA, University of Padova, Italy  
Nevena PUAC, Institute of Physics, Belgrade, Serbia  
Richard van de SANDEN, Eindhoven University of Technology, The Netherlands  
Eloisa SARDELLA, CNR-Institute for Nanotechnology, Bari, Italy  
Masaharu SHIRATANI, Kyushu University, Japan  
Emmanuel STRATAKIS, IESL FORTH, Greece  
Hendrik SWART, Free State University, Republic of South Africa  
Daniel VIZMAN, West University, Timisoara, Romania  
Andrea ZILLE, University of Minho, Guimaraes, Portugal

#### **SUMMER SCHOOL PROFESSORS**

Peter BRUGGEMAN, University of Minnesota, USA  
Razvan DABU, ELI- NP, IFIN-HH, Romania  
Anton NIKIFOROV, Ghent University, Belgium  
Razvan STOIAN, Université Jean Monnet, CNRS, Saint-Etienne, France  
Koji SUGIOKA, RIKEN, Japan  
Marian ZAMFIRESCU, National Institute for Laser, Plasma and Radiation Physics, Romania  
Thomas LIPPERT, ETH - Paul Scherrer Institute, Switzerland

#### **LOCATION**

Danube Delta, Lebada Resort, <https://www.newlebadaresort.com/>.

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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/>.