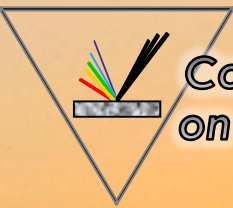


First Announcement



*XXIII International
Conference and School
on Quantum Electronics:
"Laser Physics and
Applications"*

**23-27 September 2024
Ravda, Bulgaria**

Organized by:



Cooperating organization

IOP Publishing

Dear Colleagues,

We are pleased to invite you to participate at the *XXIII International Conference and School on Quantum Electronics: "Laser physics and applications"* to be held in Ravda, Bulgaria, 23-27 September 2024.

This is a traditional event, organized biennially since 1980 by the *Institute of Electronics - Bulgarian Academy of Sciences* with the purpose of providing a meeting place for researchers from all over the world. Leading scientists are invited to present lectures on "hot" topics in the fundamentals of laser physics and applications of lasers, grouped as follows:

- * Laser - matter interactions
- * Laser spectroscopy and metrology
- * Laser remote sensing and ecology
- * Lasers in biology and medicine
- * Laser systems and nonlinear optics
- * Alternative techniques for material synthesis and processing

Conference and School Proceedings

The Proceedings will be published in *Journal of Physics: Conference Series*, containing the presented lectures and the most interesting posters, refereed and selected for publication by the invited lecturers.

Poster sessions for the participants will also be organized on the related topics. Special attention is given to the young scientists.

Important Dates

First Announcement: March 2024

Abstract submission open: 20 March 2024

Abstract and registration

form submission : 15 June 2024

Submission acceptance: 20 July 2024

**Early registration fee payment deadline:
15 June 2024**

Registration Fee

Regular: 430 EUR(early)/510 EUR(late)

PhD student: 350 EUR(early)/430 EUR(late)

Second publication: 150 EUR

Invited Speakers

Prof. Daniel Bloch, Laboratoire de Physique des Lasers Université, France

Dr. Ivan Kostic, Institute of Informatics, Slovak Academy of Sciences (II-SAS), Slovakia
Assoc. Prof. Katarzyna Grochowska, The Szewalski Institute of Fluid, Polish Academy of Sciences, Poland

Prof. Ion Mihailescu, National Institute for Laser, Plasma and Radiation Physics, Romania

Dr. Jan Lancok, Institute of Physics AS CR, Czech Republic

Dr. Aleksandar Krmpot, BioPhysLab, Institute of Physics, Serbia

Dr. Tatiana Novikova, Ecole polytechnique, Université, France

Dr. Daniel Sola, Aragonese Foundation for University of Zaragoza, Spain

Prof. Jean Kieffer, Institut National de la Recherche Scientifique (INRS), Canada

Dr. Nicolas Somers, University of Liège, Belgium

Prof. Dr. Shazia Bashir, Government College University Lahore, Pakistan