

First Announcement and Call for Papers

ILLA / LTL '2009

INTERNATIONAL CONFERENCE AND SYMPOSIUM

October 18–22, 2009

Smolyan, Bulgaria

ILLA '2009

X International Conference

**LASER AND LASER-INFORMATION TECHNOLOGIES:
FUNDAMENTAL PROBLEMS AND APPLICATIONS**

LTL '2009

VI International Symposium

LASER TECHNOLOGIES AND LASERS

Organized by:

- Russian Academy of Sciences
- Bulgarian Academy of Sciences
- Institute on Laser and Information Technologies RAS
- Institut National de Metrologie, CNAM, Paris, France
- Cluster Laser & Optics, Bulgaria
- Saedinenie - Technologies and Innovations Company, Sofia, Bulgaria
- OPTELA - Laser Technologies JSCo / Satura JSCo, Plovdiv, Bulgaria
- Technical University - Sofia , Branch Plovdiv

In Co-Operation with and Sponsored by:

- Ministry of Education and Science of the Russian Federation
- Ministry of Economy of Republic Bulgaria
- Russian Foundation for Basic Research
- Russian Research Center “Kurchatov Institute”
- Plovdiv University “Paisii Hilendarski”
- Municipality Smolyan

Conference Chair

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CONFERENCE TRADITIONS

The X International Conference “Laser and Laser-Information Technologies: Fundamental Problems and Applications” (ILLA '2009) continues the conferences “Industrial Lasers and Laser Applications”, that started in 1985 and were organized by the Institute on Laser and Information Technologies of RAS (Shatura, Moscow Region).

The VI International Symposium “Laser Technologies and Lasers” (LTL '2009) continues the OPTELA - Laser Technologies tradition in organizing international conferences, business-forums and symposia, dedicated to the industrial application of laser technologies, co-located with the famous International Plovdiv Fair.

The purpose and intention of the conference is to establish and develop international scientific contacts and collaboration among the scientists and engineers, working in the fields of lasers, photonics, laser applications, laser-information technologies.

CONFERENCE TOPICS:

- 1. Industrial Laser Technologies, Advanced Laser Technologies for Material Processing**
- 2. Novel Laser Systems and Applications, High-Power Lasers and Applications**
- 3. Laser Systems for High Precision Measurements, Information Processing and Communication**
- 4. Ultrashort Laser Pulses, High Field Science with Lasers**
- 4. Laser Technologies for Medical Physics and Biomedicine**
- 5. Nanoparticles for Biomedical Applications**

The conference technical program will feature invited (30 min) papers and selected contributed oral (15 min), poster, and post deadline papers.

Language: English will be the official language of the conference, and will be used for all printed materials, presentations, and discussions.

LOCATION

The conference will be held in Smolyan, Bulgaria, that is a mountain town, situated in the Western Rhodopy Mountains, at about 1000 meters above the sea level.

The Rhodopy Mountains are famous as a land of the ancient Thracian tribes and the legendary country of the Mythical Orpheus.

With its museums, theatre, educational institution, planetarium (which is a member of the established by Karl Sagan international organisation, called “Planetary community”) and the Rojen National Observatory (the biggest on the Balkan Peninsula), the town is recognized as a regional cultural and educational center. The favourable climate conditions, preserved traditional way of life and customs, as well as the specific architecture contribute to the establishment of the town as a considerable tourist center.

The well known Pamporovo mountain resort is located about ten kilometres from Smolyan and offers splendid hotels, a number rest houses, ski tracks and many other attractions.

There is a number of cultural and historical attractions in the region of Smolyan like Smolyan Mountain Lakes, The Uhlovitsa Cave, Agushevi Konatsi Fores dated from the Middle ages, and the Shiroka Luka architectural reserve.

HOUSING AND TRAVEL INFORMATION

HOTEL ACCOMMODATION

*****HOTEL SMOLYAN**

<http://www.hotelsmolyan.com>

The Conference sessions will be held in this hotel.

TRANSPORTATION

Smolyan town located 250 km from Sofia – the capital of Bulgaria and Sofia’s international airport. During the Conference the transportation from Sofia to Smolyan and back would be provided for all participants.

CONFERENCE PROCEEDINGS

Invited, regular oral and poster presentations at the conference sessions will be published in the Proceedings of the Conference

We request that full texts of all oral or poster presentations included in the conference Program are to be submitted in the Conference Proceedings. To ensure high-quality Proceedings, all manuscripts will be reviewed by the Conference Program Committee and Proceedings editors for technical merit and content. Camera-ready manuscripts are required and must be submitted in English due date. Late manuscripts run the risk of not being published.

If an author does not attend the meeting and makes a presentation, the editor may choose not to publish the author's manuscript in the Conference Proceedings.

Submission of Manuscripts Due Date: At the Conference registration.

Conference significant dates:

Abstracts submission deadline
Conference pre-registration deadline
Paper full text submission deadline

May 30, 2009
July 30, 2009
October 19, 2009

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