

First Circular

Mark your calendar for



**6th INTERNATIONAL SYMPOSIUM
MODERN PROBLEMS OF
LASER PHYSICS
(MPLP'2013)
Novosibirsk, Russia,
August 25 – 31, 2013**

Organized by

Institute of Laser Physics, SB RAS

Institute of Spectroscopy, RAS

International Laser Center, M.V. Lomonosov Moscow State University

Supported by

Russian Academy of Sciences (RAS)

Physical Sciences Department of RAS

Siberian Branch of RAS

Russian Foundation for Basic Research

MPLP'2013 Symposium web-site <http://mplp.laser.nsc.ru/>

6th INTERNATIONAL SYMPOSIUM MODERN PROBLEMS OF LASER PHYSICS (MPLP'2013)

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Dear Colleagues,

We are pleased to announce The Sixth International Symposium “Modern Problems of Laser Physics” (MPLP'2013) to be held in Akademgorodok, Novosibirsk, Russia, in the “House of Scientists” on August 25-31, 2013.

Akademgorodok was founded in 1957 as a Scientific Center of the Siberian Branch of the USSR Academy of Sciences. Now the Scientific Center includes more than 30 research institutes in the fields of physics, mathematics, chemistry, biology, etc.

Surrounded by forest and located on the bank of the Ob Sea, Akademgorodok is a fine recreation center. We hope you will enjoy your stay here!

SCIENTIFIC PROGRAM

In accordance with the general tendency of previous MPLP Symposia, the main objective of MPLP'2013 is to present the frontiers of modern laser physics and spectroscopy, as well as bring together scientists from all regions of the world to establish fruitful scientific collaboration at regional and global levels. It is planned to discuss the latest achievements and results aimed at the development and refinement of theoretical and experimental methods of laser physics and spectroscopy. The Scientific Program of MPLP'2013 Symposium will include invited talks; oral presentations selected from contributed papers, and contributed papers to be presented at several Poster Sessions. A “round table” will be organized to discuss some problems of laser physics. Following the tradition of MPLP Symposia, the scientific program will comprise single sessions of oral presentations for each topic, running sequentially (i.e. there will be no parallel sessions) and poster sessions.

Topical areas within the Symposium

1. New Trends in Laser Physics
2. High-Resolution Spectroscopy and fundamental metrology
3. Physics of ultracold atoms, ions, and molecules
4. Quantum Optics and Quantum Information
5. Ultrahigh laser fields and attoscience
6. Nonlinear optics and novel phenomena
7. Nanophotonics, plasmonics, metamaterials and complex media
8. Fiber optics and fiber lasers
9. Applications of lasers in biomedicine, geophysics and other fields

Preliminary time schedule for presentations

Invited talks:	30 minutes each, including discussion
Oral presentations:	15 minutes each, including discussion
Duration of poster sessions:	2 hours each

The Symposium language will be English.

ACCOMMODATION

Accommodation will be reserved at the Hotel Golden Valley («Zolotaya dolina», Akademgorodok) situated near the “House of Scientists”. A walk from the Hotel to the “House of Scientists” takes only 5 minutes.

TRANSPORTATION

Novosibirsk is approximately 3000 km east of Moscow, and can be reached by Siberia Airlines or Aeroflot Airlines from Moscow and by Siberia Airlines, for example, from Milan, Frankfurt, Hanover or Berlin. Tolmachevo Airport in Novosibirsk is located at a distance of about 60 km from Akademgorodok. Special bus communication between Tolmachevo Airport and Akademgorodok will be organized for registered Symposium participants.

Important Dates of the Symposium

Pre-registration form deadline	March 29, 2013
Mailing of the Second Announcement	April 12, 2013
Summary of contributed papers deadline	April 19, 2013
Final Announcement and Program	July 19, 2013

MPLP'2013 INTERNATIONAL ADVISORY COMMITTEE

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Please send all Symposium correspondence to the Symposium Secretary

For further information and update, please visit MPLP'2013 Symposium web site:
<http://mplp.laser.nsc.ru>

Thank you for your interest in MPLP'2013 Symposium. We hope to see you in Novosibirsk at the Symposium, August 25-31, 2013!