



Institute of Laser  
Physics SB RAS

The 10-th International Symposium  
and Young Scientists School

# MODERN PROBLEMS OF LASER PHYSICS

Novosibirsk, Russia 23 - 31 August, 2026



**N**\* Novosibirsk  
State  
University  
\*THE REAL SCIENCE



[mplp2026.laser.nsc.ru](http://mplp2026.laser.nsc.ru)



 **MPLP 2026**

## Place

The Symposium will take place in Akademgorodok – one of the largest scientific centers of Russia. It was founded in 1957 as a scientific center of the Siberian Branch of the USSR Academy of Sciences. Now Akademgorodok includes more than 30 research institutes in the fields of physics, mathematics, chemistry, biology, medicine, agriculture 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!

## Organized by

Institute of Laser Physics, SB RAS, Novosibirsk, Russia  
Novosibirsk State University, Novosibirsk, Russia

## Deadline

Abstracts deadline - May, 20, 2026  
Summaries deadline - Jun, 10, 2026

## Symposium topics

1. New trends in laser physics
2. High-resolution spectroscopy and atomic clocks
3. Physics of ultracold atoms, ions, and molecules
4. Atom interferometers, magnetometers and other quantum sensors
5. Quantum optics and quantum information
6. Extreme Light Fields and Nonlinear Optics
7. Nanophotonics
8. Fiber optics and fiber lasers
9. Applications of laser radiation from THz to UV in biomedicine, technology and other fields
10. Laboratory space plasma physics with lasers
11. Spectroscopy and optics of planetary atmospheres

**Symposium Chairman:** Dr.Sc. Oleg N. Prudnikov

MPLP 2026 Program Chairs, Prof. Alexey V. Taichenachev,

MPLP 2026 Scientific Secretary Anton O. Makarov

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