



Program

2026

	Monday August 24	Tuesday August 25	Wednesday August 26	Thursday August 27
09:30-10:15		Trashkeev Sergey <i>"Органические структурированные среды – новый тип нелинейно-оптических материалов"</i>	Martynovich Evgueni <i>"Эффект продольной пространственной модуляции яркости люминесценции и его приложения в лазерной физике"</i>	Andrianov Aleksey <i>"High Q-factor fiber and microresonator systems – from lasers to high resolution spectral analysis"</i>
10:15-11:00		Tsurikov Grigory <i>"Потенциально наблюдаемые биомаркеры в атмосферах экзопланет"</i>	Kolovsky Andrey <i>"Bloch oscillations of cold atoms in 1D and 2D optical lattices"</i>	Shlyapnikov Georgy <i>"Novel phase transitions in disordered quantum systems"</i>
11:00-11:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-12:30	Opening of the Young Scientists School	Shalagin Anatoly <i>"Нарушение равенства вторых коэффициентов Эйнштейна для поглощения и вынужденного испускания. Физические следствия"</i>	Gushchin Mikhail <i>"Contemporary Space Plasma Simulation Devices: Lasers, Discharges, and More"</i>	Rumenskikh Marina <i>"Обзор подходов к проблеме нахождения жизни внесолнечных миров"</i>
	Kharenko Denis <i>"The influence of saturable absorber parameters on the generation regime of mode-locked fiber lasers"</i>			
12:30-13:30	Makarov Anton <i>"Квантовые сенсоры магнитного поля: от физических принципов к современным применениям"</i>	Balykin Viktor <i>"From quantum physics to quantum technology"</i>	Kavokin Alexey <i>"Свет и материя: квантовая физика светожидкости"</i>	De Subhadeep <i>"High-Precision Clocks: Sensors for Exploring Fundamental Physics"</i>
13:30-15:00	Lunch	Lunch	Lunch	Lunch
15:00-16:00	Zubavichus Yan <i>"Synchrotron Radiation Source - A Powerful Tool of Modern Interdisciplinary Science"</i>	Ptashnik Igor <i>"Detection of Gravitational Waves (LIGO)"</i>	Sherstov Igor <i>"Современные лазерные оптико-акустические газоанализаторы в экологии, энергетике, промышленности, медицине как альтернатива традиционным газовым хроматографам"</i>	Golovizin Artem <i>"Нейтральные атомы лантаноидов в метрологии и квантовых вычислениях"</i>
16:00-17:00	Nikolaev Nazar <i>"Pulsed Terahertz Spectroscopy: The Method and Specific Features of Its Application"</i>	Nyushkov Boris <i>"Advanced methods of pulse shaping in fiber and fiber-semiconductor lasers"</i>	Guided Tour of Akademgorodok for MPLP-2026 Symposium Participants and LaserPhys School Lecturers	Frantsuzov Pavel <i>"Значение неравенства Белла в современной физической картине мира"</i>
17:00-17:30	Coffee Break	Coffee Break		Coffee Break
17:30-18:00	Tomilin Vladimir <i>"Phase-switching and unravelling-based feedback control of quantum-optical systems"</i>	Poster Session A (This session is combined with the poster session of the MPLP-2026 International Symposium)		Symposium Dinner for MPLP-2026 Participants and LaserPhys School Lecturers
18:00-20:00	Genin Dmitriy <i>"Алмаз как перспективный материал для электроники и фотоники"</i>			

Monday, August 24

Opening of the Young Scientists School

- 11:30-12:30

Denis Kharenko

Institute of Automation and Electrometry SB RAS

“The influence of saturable absorber parameters on the generation regime of mode-locked fiber lasers”

- 12:30-13:30

Anton Makarov

Institute of Laser Physics of the Siberian Branch of the RAS

“Квантовые сенсоры магнитного поля: от физических принципов к современным применениям”

- 13:30-15:00

Lunch

- 15:00-16:00

Yan Zubavichus

The Center for Collective Use “Siberian Ring Photon Source”

“Synchrotron Radiation Source - A Powerful Tool of Modern Interdisciplinary Science”

- 16:00-17:00

Nazar Nikolaev

Institute of Automation and Electrometry SB RAS

“Pulsed Terahertz Spectroscopy: The Method and Specific Features of Its Application”

- 17:00-17:30

Coffee Break

- 17:30-18:00

Vladimir Tomilin

Institute of Automation and Electrometry SB RAS

“Phase-switching and unravelling-based feedback control of quantum-optical systems”

- 18:00-20:00

Dmitriy Genin

Institute of High Current Electronics SB RAS

“Алмаз как перспективный материал для электроники и фотоники”

Tuesday, August 25

- 09:30-10:15

Sergey Trashkeev

Institute of Laser Physics of the Siberian Branch of the RAS

“Органические структурированные среды – новый тип нелинейно-оптических материалов”

- 10:15-11:00

Grigory Tsurikov

Institute of astronomy of the RAS

“Потенциально наблюдаемые биомаркеры в атмосферах экзопланет”

- 11:00-11:30

Coffee Break

- 11:30-12:30

Anatoly Shalagin

Institute of Automation and Electrometry SB RAS

“Нарушение равенства вторых коэффициентов Эйнштейна для поглощения и вынужденного испускания. Физические следствия”

- 12:30-13:30

Viktor Balykin

Institute of spectroscopy RAS

“From quantum physics to quantum technology”

- 13:30-15:00

Lunch

- 15:00-16:00

Igor Ptashnik

V.E. Zuev Institute of Atmospheric Optics SB RAS

“Detection of Gravitational Waves (LIGO)”

- 16:00-17:00

Boris Nyushkov

Novosibirsk State Technical University

“Advanced methods of pulse shaping in fiber and fiber-semiconductor lasers”

- 17:00-17:30

Coffee Break

- 17:30-20:00

Poster Session A

Wednesday, August 26

- 09:30-10:15

Evgueni Martynovich

Irkutsk Branch of the Institute of Laser Physics SB RAS

“Эффект продольной пространственной модуляции яркости люминесценции и его приложения в лазерной физике”

- 10:15-11:00

Andrey Kolovsky

L.V. Kirensky Institute of Physics, Siberian Branch of the Russian Academy of Sciences

“Bloch oscillations of cold atoms in 1D and 2D optical lattices”

- 11:00-11:30

Coffee Break

- 11:30-12:30

Mikhail Gushchin

Institute of Applied Physics

“Contemporary Space Plasma Simulation Devices: Lasers, Discharges, and More”

- 12:30-13:30
Alexey Kavokin
Moscow Institute of Physics and Technology
“Свет и материя: квантовая физика свето-жидкости”
- 13:30-15:00
Lunch
- 15:00-16:00
Igor Sherstov
Institute of Laser Physics of the Siberian Branch of the RAS
“Современные лазерные оптико-акустические газоанализаторы в экологии, энергетике, промышленности, медицине как альтернатива традиционным газовым хроматографам”
- 16:00-18:00
Guided Tour of Akademgorodok for MPLP-2026 Symposium Participants and LaserPhys School Lecturers
- 18:00-20:00
Symposium Dinner for MPLP-2026 Participants and LaserPhys School Lecturers

Thursday, August 27

- 09:30-10:15
Aleksey Andrianov
Institute of Applied Physics
“High Q-factor fiber and microresonator systems – from lasers to high resolution spectral analysis”
- 10:15-11:00
Georgy Shlyapnikov
Russian Quantum Center
“Novel phase transitions in disordered quantum systems”
- 11:00-11:30
Coffee Break

- 11:30-12:30

Marina Rumenskikh

Institute of Laser Physics of the Siberian Branch of the RAS

“Обзор подходов к проблеме нахождения жизни внесолнечных миров”

- 12:30-13:30

Subhadeep De

Inter-University Centre for Astronomy and Astrophysics

“High-Precision Clocks: Sensors for Exploring Fundamental Physics”

- 13:30-15:00

Lunch

- 15:00-16:00

Artem Golovizin

N. Lebedev Physical Institute of the Russian Academy of Sciences

“Нейтральные атомы лантаноидов в метрологии и квантовых вычислениях”

- 16:00-17:00

Pavel Frantsuzov

Institute of Chemical Kinetics and Combustion

“Значение неравенства Белла в современной физической картине мира”

- 17:00-17:30

Coffee Break

- 17:30-20:00

Poster Session B

Andrianov Aleksey	Thursday, August 27	09:30–10:15
Balykin Viktor	Tuesday, August 25	12:30–13:30
De Subhadeep	Thursday, August 27	12:30–13:30
Genin Dmitriy	Monday, August 24	18:00–20:00
Golovizin Artem	Thursday, August 27	15:00–16:00
Gushchin Mikhail	Wednesday, August 26	11:30–12:30
Kavokin Alexey	Wednesday, August 26	12:30–13:30
Kharenko Denis	Monday, August 24	11:30–12:30
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Nikolaev Nazar	Monday, August 24	16:00–17:00
Nyushkov Boris	Tuesday, August 25	16:00–17:00
Ptashnik Igor	Tuesday, August 25	15:00–16:00
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Tsurikov Grigory	Tuesday, August 25	10:15–11:00
Zubavichus Yan	Monday, August 24	15:00–16:00

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