



ORGANIZERS



Joint Institute
for Nuclear
Research



IRKUTSK
STATE
UNIVERSITY

Baikal Summer School on Physics of Elementary Particles and Astrophysics

July 11–18, 2025

indico.jinr.ru/event/5198/



ORGANIZING COMMITTEE:

Dmitry Naumov (JINR, Dubna) – Chairman
Irina Perevalova (ISU, Irkutsk) – Co-Chairman
Elena Dubovik (JINR, Dubna) – Scientific Secretary
Anastasia Frolova (ISU, Irkutsk) – Scientific Secretary
Alexander Olshevsky (JINR, Dubna)
Dmitry Kamanin (JINR, Dubna)
Dmitry Kazakov (JINR, Dubna)
Nikolai Budnev (ISU, Irkutsk)
Andrey Tanaev (ISU, Irkutsk)
Sergey Lovtsov (ISU, Irkutsk)
Vladimir Lomov (ISU, Irkutsk)
Sergey Zavyalov (JINR, Dubna)
Vladimir Allakhverdian (JINR, Dubna)
Daria Saikina (JINR, Dubna)
Alexandra Ivanova (JINR, Dubna)
Anna Kotova (JINR, Dubna)

SCIENTIFIC PROGRAM:

Vladimir Aynutdinov (INR RAS, Russia)

Neutrino Astronomy of UHE

Ruizhi Yang (USTC, China)

Gamma Astronomy of UHE

Junhui Fan (Guangzhou University, China)

AGN and Blazars: Fermi Data

Analysis Techniques

Alexander Selyunin (JINR)

Silicon Eyes of Experiments

Jianglai Liu (TDLI, China)

Dark Matter Searches:

Theory and Experiment

Emil T. Akhmedov (MIPT, ITEP)

Gravity, Black Holes and all that

Lili Yang (SYSU, China)

**Multi-Messenger Astronomy:
Opportunities and Challenges**

Yufeng Li (IHEP, China)

Standard Model and Beyond

Weidong Li (IHEP, China)

**Precision Detector Technologies
for High Energy Experiments**

Tao Lin (IHEP, China)

Geant4 Simulation: physics

Evgeny Derishev (IAP, Russia)

**Natural Mechanisms of Particles
Acceleration**

Liangjian Wen (IHEP, China)

Prospects of neutrino physics