XXVI Baikal International Summer School on Physics of Elementary Particles and Astrophysics

11 July 2026 - 18 July 2026

Scientific Programme

Lecture Program

Lecturer (Affiliation)	Preliminary Course Title
Dmitry Gorbunov (INR RAS)	Cosmology
Dmitry Naumov (JINR)	Introduction to Particle Physics
Sergey Troitsky (INR RAS)	Stars and new physics
Grigory Safronov (INR RAS)	UHE Neutrino Telescopes
Emil T. Akhmedov (MIPT, ITEP)	Gravity, Black Holes and all that
Andrey Sheshukov (JINR)	Simulation Software
Liangjian Wen (IHEP, China)	Prospects of neutrino physics
Junting Huang (SJTU, China)	Introduction to dark matter
Zhi-zhong XING (IHEP, China)	Origin of neutrino mass and mixing
Yandex	ML
Anatael Cabrera (CNRS / Université Paris-Saclay)	Neutrino detection methods: from ultra-low to ultra-high energies
Dmitry Karlovets (ITMO)	Vortex states
Evgeny Derishev (IAP)	Radiation and particle acceleration processes in relativistic outflows
Maxim Barkov (INASAN)	How to make jets fast, powerful and variable
Elena Nokhrina (LPI RAS)	Magnetic fields in AGN jets