

JINR Newsletter #8, 4 March 2026

Dear colleagues and friends,

During the recently finished working meeting dedicated to the Baikal Neutrino Telescope, collaboration participants discussed the project's progress and prospects. In particular, plans include expanding the facility to the volume of 1 km³ and building a new-generation HUNT Neutrino Telescope by 2040.

The Laboratory of High Energy Physics at JINR celebrated another important milestone in implementing the NICA Project: a stable field of 0.57 T was registered in the magnet aperture of the Multi-Purpose Detector of the accelerator complex. Specialists can now prepare for assembling the aperture subsystems.

The Laboratory of Neutron Physics at JINR invites applications for the user programme of the IBR-2 Reactor. Submissions for studies planned for late 2026 are accepted until 12 April. More details are available in the latest JINR Newsletter.

JINR Press Office



Flagship Projects

Grigory Trubnikov: "Baikal-GVD Neutrino Telescope to reach 1 km³ volume by 2028"

At the 2026 Baikal-GVD Neutrino Telescope working meeting, collaboration participants discussed the ongoing expedition at the lake and the facility's future development. In addition to the article, you can watch a [video](#) of JINR Director talking about the meeting's results.



[READ MORE →](#)

Design field of 0.57 T achieved in MPD Detector magnet

The NICA Complex at the Laboratory of High Energy Physics at JINR reached another important milestone: a stable field of 0.57 T was registered in the magnet aperture of the Multi-Purpose Detector. Plans include measuring the magnetic field map and installing internal detector systems.

[READ MORE →](#)

Education

JINR hosting 28th JEMS Training Programme

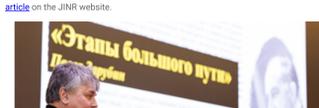
As part of the ongoing JINR Expertise for Member States and Partner Countries programme, representatives of scientific and educational centres and departments of Vietnam, Mauritania, and Turkey are learning about the activities of the Joint Institute.

[READ MORE →](#)

Tributes

From Nuclotron to NICA: seminar marking 100th anniversary of Alexander Baldin's birth

The seminar took place on 26 February at VBLHEP at JINR, with Alexander Baldin's family, colleagues, and friends among the speakers. A recording of the event is available [via the link](#). The Academician's career and achievements are detailed in an [article](#) on the JINR website.



[READ MORE →](#)

Life devoted to science: seminar in memory of Victor Sviridov

VBLHEP hosted a scientific seminar dedicated to the 95th anniversary of the birth of the outstanding experimental physicist Victor Sviridov. The talks focused both on his professional accomplishments and on his admirable personal qualities.

[READ MORE →](#)

Books

New Book Acquisitions exhibition at S&T Library

Until 20 March, the JINR Science and Technology Library is hosting a new exhibition. Readers can find books published from 2024 to 2026; many of them were authored by eminent researchers of the Joint Institute.

[READ MORE →](#)

Publications

Review of Particles & Nuclei, #1 (Vol. 57) 2026

The JINR Publishing Department has issued the first part of this year's volume of Physics of Elementary Particles and Atomic Nuclei, a journal that includes articles with the results of theoretical, experimental, scientific and technical, methodical, and applied research.

[READ MORE →](#)

Announcements

Proposals invited for research at IBR-2 Reactor

The Laboratory of Neutron Physics at JINR is accepting applications for studies to be conducted in late 2026. Proposals can be submitted until 12 April. More details are presented on the User Club's [website](#).



[READ MORE →](#)

JINR Postdoctoral Programme: call for applications

The JINR Postdoctoral Programme provides an opportunity for talented scientists to participate in research projects of the Joint Institute. Applications are invited until 30 March.

[READ MORE →](#)

Registration for AYSS-2026 conference starts

From 17 to 21 October, Taibekent will host the International AYSS-2026 Scientific Conference. Students, as well as young researchers and specialists under 36 from all over the world, are welcome to [submit](#) applications until 8 May.



[READ MORE →](#)

First anniversary of Vietnamese Young Scientists and Specialists Club

On 10 March, VYSS participants will hold a workshop to discuss the club's progress and future, listen to talks from invited speakers sharing their personal stories, experiences, and challenges in Dubna, and network. Please note [registration](#) is required.

[READ MORE →](#)

Media

BECQUEREL Experiment and three-year journey to JINR

The new season of Podcast 42 starts with a guest from the sunny India: a VBLHEP JINR researcher Marimuthu Natarajan came to Dubna to study heavy ion physics and is ready to share what it's like to change the tropics for Moscow Region winters.



[WATCH →](#)

JINR Director met with Plenipotentiary of Russia

Valery Falkov – the Plenipotentiary Representative of the Government of the Russian Federation at JINR, Russia's Minister of Science and Higher Education – discussed the Institute's key projects with Grigory Trubnikov. The key topics were the Baikal-GVD Neutrino Telescope and the NICA Accelerator Complex.

[READ MORE →](#)

Discussing cooperation with India

The Nuclear Astrophysics Section Head at the Bhabha Atomic Research Centre, Satyaranjan Santra, visited the Laboratory of Information Technologies. After a tour and a presentation about the laboratory, the parties considered opportunities for joint work, particularly in quantum computing and DNA modelling.



[READ MORE →](#)

AYSS event digest

AYSS has published the event digest for February with details about a delegation of the Association of Councils of Young Scientists of Earth Sciences visiting JINR, the Association's seminars, and more.

[READ MORE →](#)

A day in JINR history

The JINR Telegram channel shared archival photos of the Institute. Take a look at Nikolay Nikolaevich Bogolubov receiving the degree of an Honorary Doctor of the University of Helsinki.



[READ MORE →](#)

Interview with MLIT software engineer

In the video, Alla Zaikina – a JINR employee since 1971 – reminisces about her first years of working at the Institute, the BESM-6 Computer, and much more.

[WATCH →](#)

Seminar recording

We invite you to watch a recording of the seminar "Directed flow of protons in nuclear collisions as a signal of transition to the quark-gluon phase" by Yuri Ivanov.

[WATCH →](#)

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #6-9, has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

Sports

Swimming competition results

JINR employees successfully performed at a competition dedicated to Academician Georgy Flerov that took place on 27–28 February.



[READ MORE →](#)

Institute's employees at tennis tournament

The Institute's representatives took part in a tennis tournament dedicated to the Defender of the Fatherland Day, with Sergey Levshenkov becoming the winner. Congratulations on the outstanding performances!

[READ MORE →](#)

Archimedes Swimming Pool coach at skiing competition

Russia's largest ski marathon took place on 28 February. Maria Alikina became the winner in her age category. Congratulations on the achievement!



[READ MORE →](#)

JINR achievements in winter swimming

FLNP and MLIT employees are among the winners of combined events of the Friendship Cup. Congratulations to the athletes!

[READ MORE →](#)

Upcoming Events

Conferences

- [2–6 March, JINR Training Course "JINR Expertise for Member States and Partner Countries" \(JEMS-28\), JINR, Dubna](#)
- [10–15 March, Computing of Mesoscience Projects in High Energy Physics workshop, Listvyanka, Russia](#)
- [10–16 March, NICA Accelerator Complex: Challenges and Prospects – 2026 workshop, Vladikavkaz, North Ossetia](#)

Seminars

- [5 March, 2:30 PM, BLTP, "Inelastic effects in the Ising model with a magnetic field" by Daniil Mensky](#)
- [6 March, 11:30 AM, VBLHEP, "High energy nuclear optics of polarised \$\nu\$ -quanta, nucleons, and nuclei" by Sergei Anisichenko, Vladimir Barshevsky, Alexandra Gurinovich](#)
- [11 March, 11:00 AM, BLNP, Hydride Model of Earth open discussion](#)

Culture

- [7 February – 7 March, JINR Universal Public Library, My Dubna exhibition](#)
- [10 February – 8 March, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, Exhibition by JINR Artists' Club](#)
- [5 March, 6:00 PM, Mir Cultural Centre, Excursion](#)
- [5 March, 6:30 PM, JINR Universal Public Library, Film screening](#)
- [6 March, 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [7 March, 3:00 PM, JINR Universal Public Library, Vocal music concert](#)

Sports

- [8 March, 10:30 AM, 27th JINR Sports Games, Kettlebell lifting, JINR Sports Club](#)

[ALL JINR EVENTS →](#)

