



JINR Newsletter #2, 21 January 2026

Dear colleagues and friends,

The recent meeting of the Programme Advisory Committee for Condensed Matter Physics was devoted to the IBR-2 Research Reactor and its spectrometer complex. The Committee members discussed the resumption of the user programme available at the reactor and ways of attracting new users.

During a visit of a Saratov State University delegation to the Joint Institute, the parties talked about ways of advancing cooperation. Potential collaborative activities include research, educational initiatives, science popularisation, and methodological support of school teachers.

Find out about the cryostat of the NICA Collider getting painted in Gzhele, the Institute's representatives at the 27th collaboration meeting of the JUNO Experiment in China, JINR's youngest candidate of sciences, and much more in the latest JINR Newsletter.

JINR Press Office



Advisory Bodies

PAC CMP: planning spectrometer complex development and attracting new IBR-2 users

A meeting of the Programme Advisory Committee for Condensed Matter Physics took place on 19–20 January. The key topic of the discussion was the IBR-2 Research Reactor and the resumption of its user programme.



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Cooperation

JINR and Saratov University: advancing cooperation

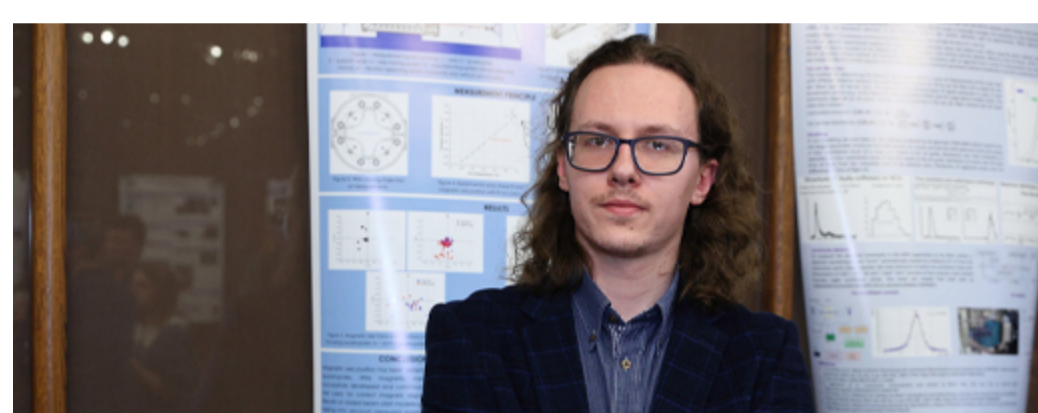
On 15 January, a Saratov State University delegation headed by Rector Aleksey Chumachenko visited the Joint Institute to get acquainted with JINR's scientific infrastructure and hold discussions with the JINR Directorate about partnership in science and education.

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Congratulations

Prioritising effectively: JINR scientist defended dissertation at 24

A researcher at the Laboratory of High Energy Physics at JINR Illia Nikolaichuk defended his dissertation at the age of 24, becoming the Institute's youngest candidate of sciences. He shared his experience of successfully starting a scientific career.



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Media

NICA Collider: faces of big science

People at JINR is a series of short videos highlighting those behind one of JINR's largest scientific projects in recent years. In each video, young VBLHEP researchers and engineers from different countries discuss their professional paths, work in the international team, and life in the science city.



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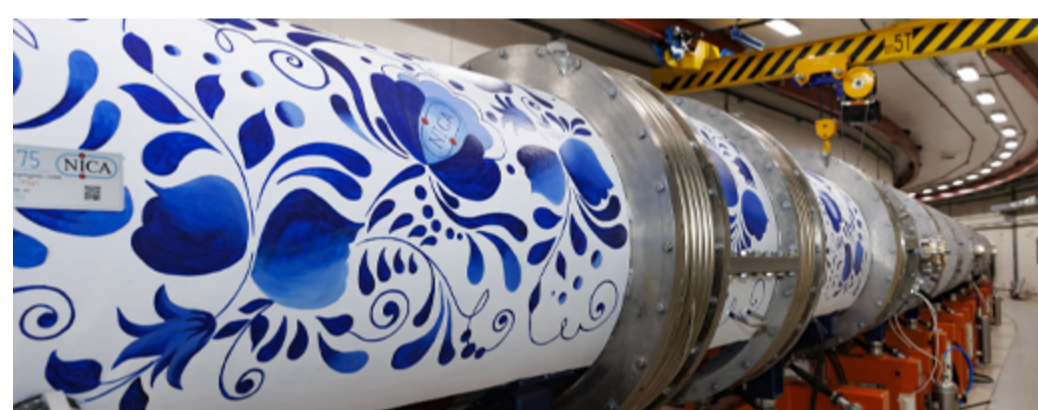
Discussing project that won JINR R&D competition

In 2025, young researchers of the Laboratory of Nuclear Problems received financial support to implement a project entitled "Development of micro-SPECT systems for precision imaging in preclinical biological experiments". A DLNP researcher, project leader Vladislav Rozhkov discussed the team's work.

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Gzhele at NICA Collider

At the accelerator complex, artists hand-painted 27 sections of the cryostat, paying tribute to the craft tradition of the Gzhele.



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Term of the Week

The JINR Telegram Channel shared another word that scientists use. This week's term is *thermal cycling* – the process of repeatedly heating and cooling a sample to test how the material tolerates temperature changes and how they affect its properties.

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Interview with Valery Mitsyn

19 January marked the 73th anniversary of the birth of a senior researcher of the Laboratory of Information Technologies, Valery Mitsyn, who passed away in December 2025. In the video, he discussed his career, the development of JINR's computing infrastructure, and participation in external projects.



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JINR at 27th JUNO Collaboration Meeting

DLNP researchers are taking part in the meeting hosted by Wuhan University, China, from 19 to 23 January. The key topics are the progress and performance of the JUNO Detector, planned data taking and processing, and requirements for future studies.

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Interview with JINR Prize winner

In 2025, a work on slow magnetic monopole search in the NOVA Experiment by a junior DLNP researcher Alexander Antoshkin was honoured with a JINR Prize. In the article, the author talks about the achievement and his plans.

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Sports

JINR teams in skiing competition

At a ski relay on 18 January, teams representing the Joint Institute took first and sixth places. Congratulations to the athletes on the successful performances!



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Upcoming Events

Advisory Bodies

- [22–23 January, 62nd Meeting of Programme Advisory Committee for Nuclear Physics, JINR, Dubna](#)
- [26 January, 63rd Meeting of Programme Advisory Committee for Particle Physics, JINR, Dubna](#)

Conferences

- [26–31 January, 33rd International Conference "Mathematics, Computing, Education", Dubna State University](#)

Seminars

- [22 January, 11:30 AM, VBLHEP, "Reconstruction of SH-MWPC tracks for the SRC-2022 Experiment at BM@N" by Atovullaev Timur, "Problems in creating two-phase flowmeters for cryogenics and ways to solve them for helium, hydrogen and LNG" by Yuri Filippov](#)
- [22 January, 3:00 PM, MLIT, "Swinging waves in the Ablowitz-Ladik equation" by Igor Barashenkov](#)
- [22 January, 4:00 PM, BLTP, "Relativistic quantum mechanics of twisted Dirac particles in uniform magnetic and electric fields" by Alexander Silenko](#)
- [26 January, 3:00 PM, FLNP, Dissertation Council, "Cryomagnetic systems with extremely low temperatures for neutron scattering research" by Aleksandr Chernikov](#)
- [28 January, 11:00 AM, DLNP, "Relativistic quantum mechanics of twisted Dirac particles in uniform magnetic and electric fields" by Alexander Silenko](#)

Culture

- [13 January – 8 February, Daily, from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, "PLAY" exhibition by sculptor Sergey Serezhin](#)
- [22 January, 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [23 January, 5:00 PM, JINR Universal Public Library, Meeting of Dubna tourist club](#)
- [23 January, 7:00 PM, JINR Scientists' Club, Wind Quintet concert](#)
- [24 January, 2:00 PM, JINR Universal Public Library, Animals, Birds, and Plants in Cold Season lecture](#)
- [24 January, 5:00 PM, JINR Universal Public Library, Cruising Racing lecture](#)
- [27 January, 6:00 PM, JINR Scientists' Club, JINR Film Union](#)

[ALL JINR EVENTS →](#)