

JINR Newsletter #44, 26 November 2025

Dear colleagues and friends,

Head of the Astrobiology Sector at the Laboratory of Radiation Biology at JINR Alexey Rozanov was honoured with one of the highest awards of the Russian Federation – the Order of Alexander Nevsky – for outstanding achievements in science and many years of distinguished work. This highlights the importance of JINR as an international project to the country it is based in.

The Laboratory of Nuclear Problems at JINR is studying the fundamental precision limit of particle detectors based on organic scintillators. A recent achievement was new recommendations on minimising sources of error in experiments, which will make future research more reliable.

Read about an art lecture by Yuri Oganessian, registration for young scientists' conference of the Laboratory of Neutron Physics at JINR, participation of the Institute's employees in scientific events, and much more in the latest JINR Newsletter.



Awards

Alexey Rozanov honoured with Order of Alexander Nevsky

Congratulations to LRB Astrobiology Sector Head Alexey Rozanov on receiving one of the highest state awards of the Russian Federation, for great achievements in science and many years of distinguished work.



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Research

On precision limit of energy measurements in organic scintillators

The Laboratory of Nuclear Problems is conducting research on the fundamental precision limit of particle detectors based on organic scintillators. A DLNP leading researcher Oleg Smirnov provided recommendations on minimising sources of error in future experiments.

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Announcements

JINR grant competition for Dubna teachers invites applications

The annual competition aims to promote professional development and stimulate the creative activity of school and additional education teachers specialising in subjects and technologies essential for potential JINR employees. The application deadline is set on 13 February 2026 inclusive.



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Registration starts for FLNP young scientists' conference

On 9–11 December, the Laboratory of Neutron Physics at JINR will hold the annual Conference of Young Scientists and Specialists for young employees under 36. Registration is available until 3 December [via the link](#).

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Media

Live broadcast of art lecture by Yuri Oganessian

On 27 November, at 3:30 PM, Scientific Leader of the Laboratory of Nuclear reactions at JINR will deliver a lecture on the works of Christo and Jeanne-Claude and the development of pop art movement, with a live broadcast available. The event marks the 20th anniversary of The Gates project.



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JINR at Congress of Young Scientists

The ongoing V Congress of Young Scientists features events with the participation of JINR employees [Vladislav Rozhkov](#) and [Nikita Kovrizhnykh](#), which will be broadcasted live on 28 November at 2:00 PM and 4:00 PM respectively. The recording of a discussion with Irek Suleymanov is available [via the link](#).

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MLIT at one of largest IT events of Russia

Employees of the Laboratory of Information Technologies presented their research at the Modern Problems of Computer and Information Sciences international congress dedicated to the 270th anniversary of Moscow State University. MLIT Scientific Leader Vladimir Korenkov gave a talk entitled "Digital technologies and data analysis in large-scale projects".

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MLIT Scientific Leader interview

In the latest *Computerra* article, Vladimir Korenkov explains why large scientific projects face challenges in communication channels and employment. He highlights the growing necessity of IT infrastructure for modern physics experiments.



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Fifth conference on neutron studies in Dubna

On 24–27 November, the all-Russian "Tasks and methods of neutron research of condensed matter" conference, organized jointly with JINR, is taking place at Dubna State University in a hybrid format. The event's programme includes over 40 talks. Live broadcast is available [via the link](#).

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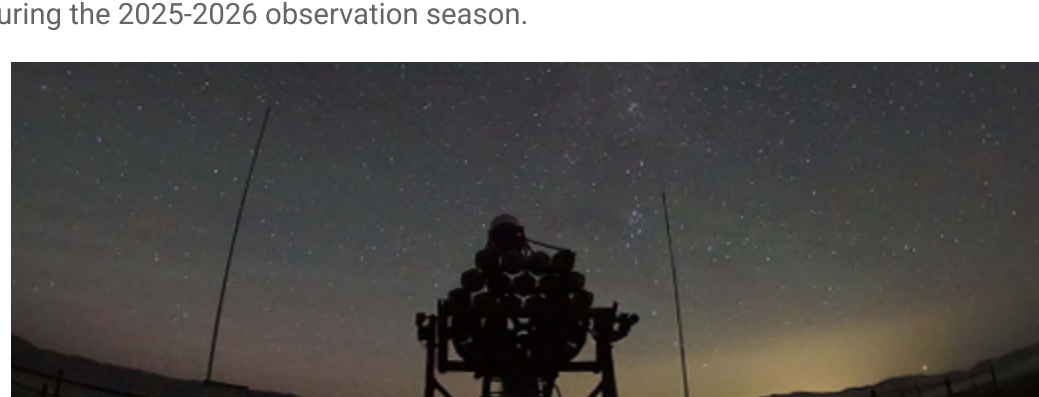
Seminar recording

We invite you to watch a recording of the seminar "Monte Carlo models in high energy physics" by Vladimir Uzhinsky.

[WATCH →](#)

New element of TAIGA Project tested successfully

DLNP JINR employees developed and tested a mirror auto-alignment unit for the fourth telescope of the TAIGA Gamma Observatory, installed in collaboration with Applied Physics Institute of Irkutsk State University. The unit will undergo field tests during the 2025-2026 observation season.



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Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #45, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

JINR air rifle shooting competition

The JINR championship in air rifle shooting took place. 93 people participated in the competition, including 9 teams, 24 families, and solo performers.

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Upcoming Events

Governing and Advisory Bodies

- [1 December. Meeting of the JINR Finance Committee. Cuba](#)
- [2–3 December. Session of the Committee of Plenipotentiaries of the Governments of the JINR Member States. Cuba](#)

Conferences & Meetings

- [16–30 November. Joint JINR-Vietnam seminar on accelerator technology. Novosibirsk. Russia](#)
- [24–27 November. 5th all-Russian scientific and practical conference titled "Tasks and methods of neutron research of condensed matter". Dubna State University](#)
- [28 November. 11:00 AM. FLNP-FLNP-JINR – NIKIET JSC working meeting](#)
- [1–5 December. Baikal Collaboration Meeting. JINR, Dubna](#)
- [3–4 December. JINR Days in Latin America. Cuba](#)

Training

- [1–5 December. Hadron Structure and Hadronic Matter Physics JINR–Cuba school. Havana. Cuba](#)

Seminars

- [27 November. 11:00 AM. FLNP. "Helium-4 fast neutron detector: results from PHITS simulation" by Kao Van Hai](#)
- [27 November. 3:00 PM. BLTP. "Lattice 2025 Conference. An overview of interesting presentations" by Victor Braguta. Artem Roenko](#)
- [28 November. 11:30 AM. VBLHEP. "Structure of heavy nuclei and nucleon-nucleon interactions" by Rostislav Jobs. Elena Kolganova](#)
- [1–3 December. MLIT. Reports of young scientists and specialists who received AYSS grants and M. G. Mescheryakov and N. N. Govorun prizes](#)
- [3 December. 11:00 AM. MLIT. "Spinor field dark energy in FLRW space-time. Theory and observation" by Bijan Saha. "Report on scientific activities in the period 2020–2025" by Genis Musulmanbekov](#)

Culture

- [11 November–7 December. Daily from 1:00 to 7:00 PM \(except Monday\). JINR Mir Cultural Centre. Exhibition of graphics and painting works](#)
- [26 November. 7:00 PM. JINR Museum of History of Science and Technology. Astronomical meeting](#)
- [27 November. 6:00 PM. JINR Universal Public Library. English speaking club](#)
- [27 November. 7:00 PM. JINR Universal Public Library. Hairpin book club](#)
- [28 November. 6:00 PM. JINR Universal Public Library. JINR Cinema Club](#)
- [28 November. 7:00 PM. JINR Mir Cultural Centre. Commemorative concert](#)
- [29 November. 3:00 PM. JINR Mir Cultural Centre. Lecture and film screening](#)
- [29 November. 6:00 PM. JINR Universal Public Library. Guttenberg's Smoking Room meeting](#)
- [30 November. 7:00 PM. JINR Mir Cultural Centre. "Parallel universes in all seriousness: what does quantum mechanics say?" lecture](#)
- [2 December. 6:00 PM. JINR Scientists' Club. JINR Film Union](#)
- [2 December. 7:00 PM. JINR Universal Public Library. Genealogical club's meeting](#)
- [2 December. 7:00 PM. JINR Mir Cultural Centre. Concert for violin and piano](#)

[ALL JINR EVENTS →](#)