

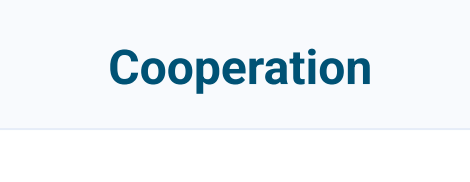
JINR Newsletter #37, 1 October 2025

Dear colleagues and friends,

On 26 September, the heads of JINR and the Vietnam Atomic Energy Institute (VINATOM) signed a document on cooperation in personnel training. The addendum provides for JINR's contribution to the education of Vietnam nuclear industry specialists, reflecting the Institute's mission to facilitate the development of science, education, and technology in its Member States.

In China, specialists tested the superconducting magnet of the new GASSOL Solenoid Separator created at JINR. Representatives of the Laboratory of Nuclear Reactions at JINR visited Xi'an Superconducting Magnet Technology company to participate in factory acceptance tests.

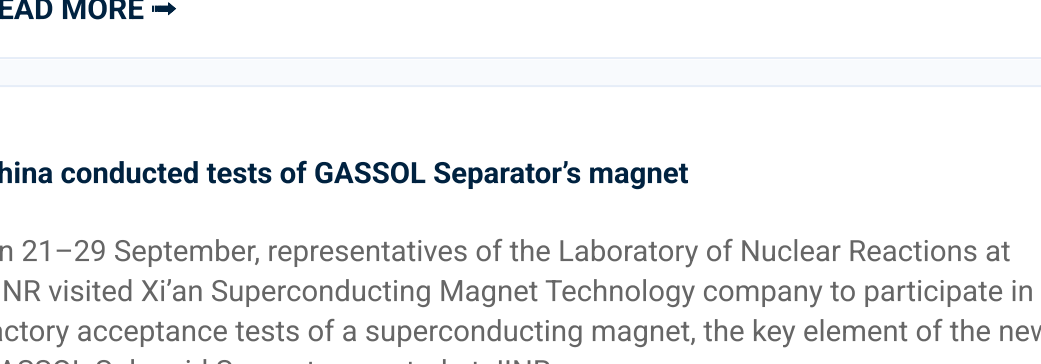
Read about the new issue of the Institute's Natural Science Review journal, DLNP JINR employees at the SPIN symposium in China, the second stage of environmental research as part of a UN project, and much more in the latest JINR Newsletter.



Cooperation

JINR to contribute to training of Vietnam nuclear industry specialists

As part of the World Atomic Week, organized by Rosatom in Moscow from 25 to 28 September, the heads of JINR and the Vietnam Atomic Energy Institute (VINATOM) signed a document on cooperation in personnel training.



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China conducted tests of GASSOL Separator's magnet

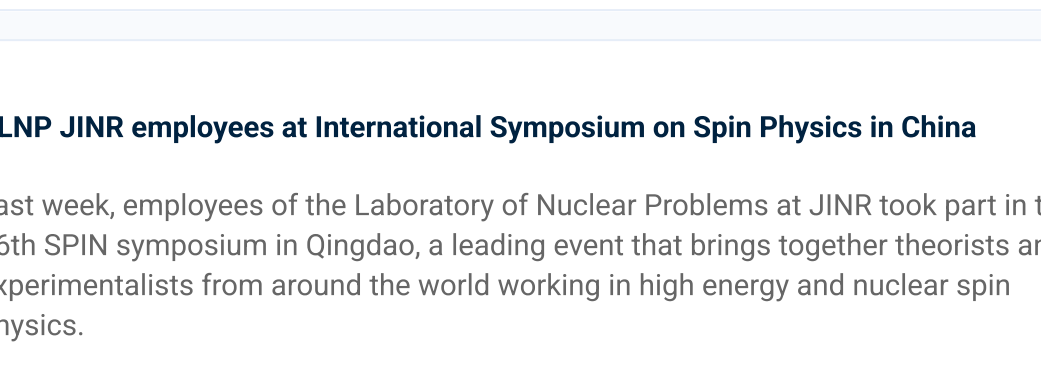
On 21–29 September, representatives of the Laboratory of Nuclear Reactions at JINR visited Xi'an Superconducting Magnet Technology company to participate in factory acceptance tests of a superconducting magnet, the key element of the new GASSOL Solenoid Separator created at JINR.

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Conferences

JINR at Conference on High Energy Physics in Armenia

On 29 September, the CHEP-2025 international conference started in Yerevan. Nearly 80 scientists from research centres of nine countries, including representatives of JINR and CERN, attended the event. The conference is organized by the Alikhanyan National Science Laboratory, Yerevan State University, and the Joint Institute for Nuclear Research.



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DLNP JINR employees at International Symposium on Spin Physics in China

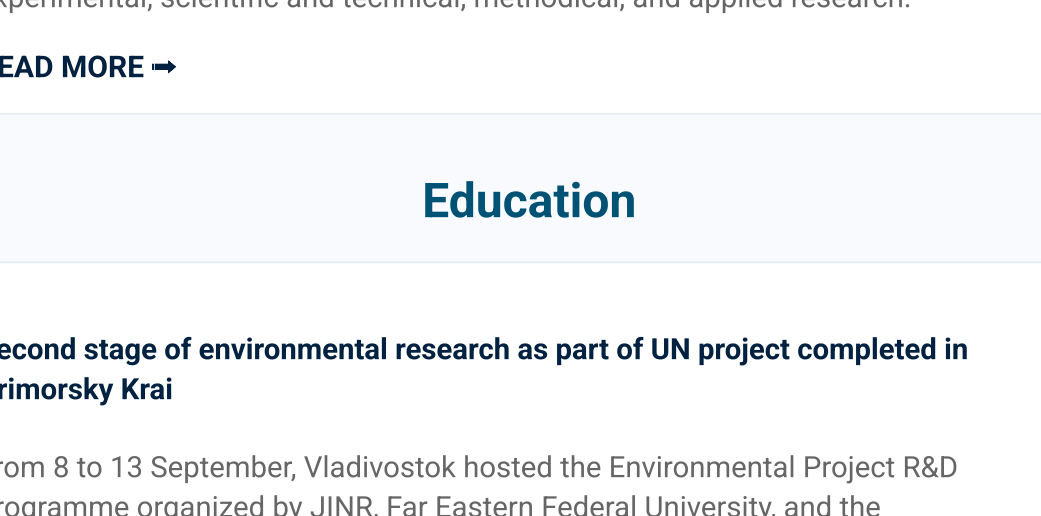
Last week, employees of the Laboratory of Nuclear Problems at JINR took part in the 26th SPIN symposium in Qingdao, a leading event that brings together theorists and experimentalists from around the world working in high energy and nuclear spin physics.

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Publications

New issue of Natural Science Review

The fourth issue of the international scientific journal published by JINR features articles on astrophysics, high energy physics, and biology.



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Review of Particles & Nuclei, #5 (Vol. 56) 2025

Please enjoy a review of the fifth part of this year's volume of Physics of Elementary Particles and Atomic Nuclei, a journal that publishes original theoretical, experimental, scientific and technical, methodical, and applied research.

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Education

Second stage of environmental research as part of UN project completed in Primorsky Krai

From 8 to 13 September, Vladivostok hosted the Environmental Project R&D programme organized by JINR, Far Eastern Federal University, and the Sirius.Primorye educational centre. As part of the programme, schoolchildren of grades 7-10 had the opportunity to learn about the modern methods of environmental monitoring.



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JINR participated in first NAUKA 0+ Festival held in Kamchatka

From 22 to 28 September, Vitus Bering Kamchatka State University and the JINR Information Centre in Kamchatka organized the All-Russian NAUKA 0+ Festival with the support of the JINR University Centre. The event was attended by about 350 people, including schoolchildren, students, and teachers.

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Announcements

Yuri Oganessian on art of Pieter Bruegel the Elder

On 2 October, at 4:00 PM, the JINR Mir Cultural Centre will host a lecture by FLNR JINR Scientific Leader Yuri Oganessian dedicated to the outstanding Flemish artist of the Northern Renaissance.



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Registration for Wave 13 of INTEREST Programme closes soon

From 20 October to 30 November, the JINR University Centre will host a remote internship for students to work on research under the supervision of leading JINR specialists. To participate, fill in the form no later than 7 October. If you have already registered, please choose a research project.

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JINR Postdoctoral Programme: call for applications

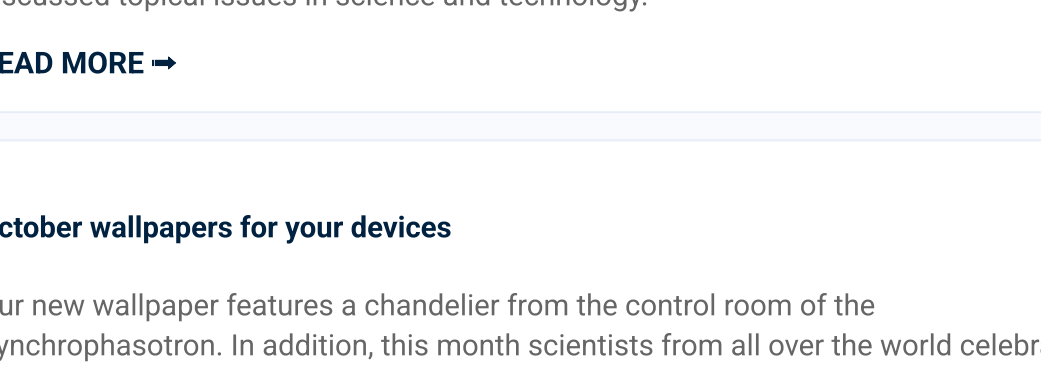
Young physicists from all over the world are invited to spend a year working at the Institute on a potentially renewable contract, with housing and social benefits provided. The postdocs will gain experience in an international team with advanced equipment. Applications are accepted on the programme's website until 1 November.

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Media

Radiation biology, science that saves lives

In the first episode of the new JINR podcast, dive into the world of radiation biology with LRB JINR Sector Head Yuri Severiukhin. The speaker discussed the prospects of radiobiology in the fight against cancer, the way scientists model cosmic radiation on Earth, and much more.



[WATCH →](#)

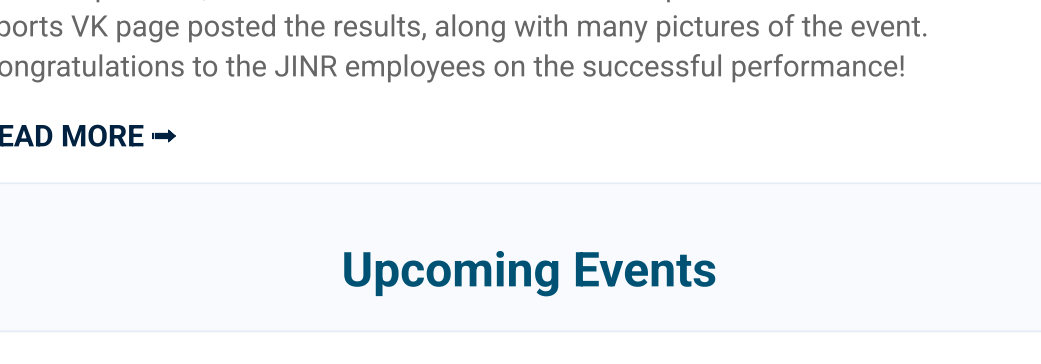
JINR at All-Russian Youth Scientific Forum in Saratov

On 23–26 September, JINR representatives gave talks at the sixth International Scientific Conference and the tenth Science of the Future – Science of the Young forum, where leading scientists, researchers, and students from across the country discussed topical issues in science and technology.

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October wallpapers for your devices

Our new wallpaper features a chandelier from the control room of the Synchrotron. In addition, this month scientists from all over the world celebrate Dark Matter Day, so the comic strip is dedicated to exploring the unknown aspects of the world around us.



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Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #37, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

56th annual run in memory of Academician Veksler

On 28 September, the annual track and field run took place in Dubna. The JINR Sports VK page posted the results, along with many pictures of the event. Congratulations to the JINR employees on the successful performance!

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Upcoming Events

Conferences

- [29 September – 3 October. Conference on High Energy Physics, Yerevan, Armenia](#)
- [6–10 October. Models in Quantum Field Theory \(MQFT-2025\) international conference, Euler International Mathematical Institute, Russia](#)

Training

- [21 September - 11 October. Stage 2 of the International Student Internship in the JINR Fields of Research, JINR, Dubna](#)
- [6–10 October. JINR Autumn School of Information Technologies, MLIT, Dubna](#)

Seminars

- [2 October. 10:30 AM. BLTP. "Multipole expansion for electron–nucleus scattering at high energies" by Minh Truong Vo](#)
- [2 October. 11:00 AM. DLNP. "SPD Experiment's data acquisition system" by Aleksandr Boikov](#)
- [2 October. 2:30 PM. BLTP. "Geometric structure of Yang-Baxter deformations" by Edvard Musaev](#)
- [3 October. 11:30 AM. VBLHEP. "Experimental study of the ME1/1 front muon station characteristics at the CMS Facility" by Victor Pereylin](#)
- [7 October. 11:30 AM. FLNP. "Multi-channel digitisers \(125-1000 MS/s\) from the Digitiser company and examples of software processing of the obtained data" by Ivan Bredikhin](#)
- [8 October. 11:00 AM. DLNP. "Diffraction of massive twisted waves by circular and triangular apertures as a method for diagnosing orbital angular momentum" by Mikhail Maximov](#)

Culture

- [17 September – 12 October. Daily from 1:00 to 7:00 PM \(except Monday\). JINR Mir Cultural Centre. Painting exhibition](#)
- [2 October. 4:00 PM. JINR Mir Cultural Centre. Yuri Oganessian's lecture on art of Pieter Bruegel the Elder](#)
- [2 October. 6:00 PM. JINR Universal Public Library. English speaking club](#)
- [3 October. 6:00 PM. JINR Universal Public Library. JINR Cinema Club](#)
- [3 October. 7:00 PM. JINR Scientists' Club. Lecture on Russian avant-garde](#)
- [4 October. 5:00 PM. JINR Universal Public Library. Book club for parents](#)
- [4 October. 6:00 PM. JINR Universal Public Library. Lecture on architecture](#)

Sports

- [4 October. 11:00 AM. JINR Sports Club. 22nd weightlifting tournament in memory of Yuri Masloboev](#)

[ALL JINR EVENTS →](#)