JINR Newsletter #38, 8 October 2025

Dear colleagues and friends,

Working towards the goal of facilitating the development of science, education, and technology in its Member States, the Joint Institute welcomed representatives of Vietnam scientific centres to discuss cooperation prospects. In turn, a JINR delegation participated in two conferences that have recently taken place in Vietnam.

About 60 students from universities of Russia, Belarus, Kazakhstan, and Uzbekistan gathered at the Laboratory of Information Technologies at JINR this week to join the Autumn IT School. At the end of the training, the participants will begin working on projects related to JINR's research.

Read about the MGFT conference in Saint Petersburg, the awarding of the Russian Neutron Scattering Society's medal to an FLNP researcher, the Acoustic Trace exhibition, and much more in the latest issue of the JINR Newsletter.

Telegram
@jinrofficial

Cooperation

JINR hosted visit of representatives of Vietnam scientific centres

The delegation visited JINR on 1 October to discuss cooperation in science and technology between Vietnam and JINR as well as to get acquainted with the unique research infrastructure of the Institute.

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Conferences

Models in quantum field theory discussed in Saint Petersburg

On 6 October, MGFT-2025 conference, co-organized by the Joint Institute for Nuclear Research, opened at Euler International Mathematical Institute. The event gathered about 200 participants from Algeria, China, Finland, India, Russia, Slovakia, Vietnam, and other countries.

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Education

Autumn IT School taking place at JINR

This week, the fourth Autumn School of Information Technologies started at MLIT. The event brought together nearly 60 students from universities in Belarus, Kazakhstan, Russia, and Uzbekistan. The main goal of the school is to engage young specialists in solving current scientific problems using modern IT technologies.

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Books

New Book Acquisitions exhibition at S&T Library

From 6 to 31 October, the JINR Science and Technology Library is hosting the New Book Acquisitions exhibition. You can find textbooks, monographs, lectures on the atomic nucleus structure, "The Attraction of Science" anthology by Shirmamed Nazarli, and much more.

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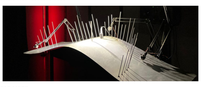
Media

Explore hidden sounds of NICA's Booster at exhibition

The Experimental Sound Laboratory organized the ESL: Acoustic Trace exhibition at Dom Radio in collaboration with JINR. Visitors can explore the invisible waves and inaudible sounds that surround us in everyday life and the way technology allows us capture their "acoustic trace".



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Podcast 42 now in VK

The first episode of the podcast with an LRB employee at JINR Yuri Severiukhin is now available in VK. Click the link and watch the video about radiobiology, cosmic radiation, and Dubna.

WATCH →

Young JINR scientists at conference in Vietnam

Researchers of the Laboratory of Nuclear Problems, the Laboratory of Nuclear Reactions, and the Laboratory of Radiation Biology gave talks at the 9th Academic Conference on Natural Science for Young Scientists, Master and PhD Students from the countries of the Association of Southeast Asian Nations.

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JINR researcher awarded medal for neutron studies

An FLNP chief researcher Viktor Aksenov received the medal from the Russian Neutron Scattering Society for outstanding contribution to this field of study. The ceremony took place on 2 October at the Neutron Scattering in Condensed Matter Research international conference.

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A day in JINR history

The JINR Telegram channel shared a new archival photo of the Institute. Take a look at the participants of the 6th International School of Neutron Physics at Dubna Resort Hotel in Alushta. The photo was taken by Yuri Turnanov 35 years ago, on 8 October 1990.

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Seminar recordings

We invite you to watch recordings of the seminars "Modern methods of multidimensional analysis of experimental data"[1] by Ivan Velestukhin and Artem Vasyukov, "SPD Experiment's data acquisition system"[2] by Aleksandr Bolkov, and "Experimental study of the ME1/1 front muon station characteristics at the CMS Facility"[3] by Victor Perelygin.

WATCH[1] →
WATCH[2] →
WATCH[3] →

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #38, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

JINR achievements in sailing

The Institute's employees, as part of the Fram yacht crew, took second place in a sailing regatta dedicated to the 635th anniversary of the Gorodninsky Cathedral in Tver Region, Russia. Congratulations on the successful performance!

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Upcoming Events

Collaboration Meetings

- **14–16 October**, 15th Collaboration Meeting of the BM@N Experiment at the NICA Facility, JINR, Dubna

Conferences

- **6–10 October**, Models in Quantum Field Theory (MGFT-2025) international conference, Euler International Mathematical Institute, Russia
- **10–12 October**, 20th Annual Russian Science Festival "NAUKA 0+", Zaryadye Park, Moscow State University, MEPhI (Moscow, Russia)
- **11–14 October**, Workshop on Quantum Computing and Machine Learning (QCML), Cairo, Egypt
- **11 October – 23 November**, Qualifying Competition for 10th Dubna Technical Hackathon 2026, JINR UC, Dubna
- **15–17 October**, International Conference on the Issues of Modern Physics, Baku, Azerbaijan

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
- **13–17 October**, Scientific student internship "Management in scientific projects, participation of students in research", JINR, Dubna

Seminars

- **9 October**, 3:00 PM, FLNP: Presentation of book dedicated to Fedor Shapiro
- **10 October**, 11:30 AM, VBLHEP: "Synthesis of neutron-rich nuclei at the NICA Complex" by Sergey Afanasyev
- **13 October**, 11:00 AM, BLTP, Journal Club: "Dynamical Dark Energy and DESI DR2" by Chitta Ranjan Das
- **14 October**, 2:30 PM, BLTP: Commemorative seminar dedicated to the 100th anniversary of the birth of Vadim G. Soloviev
- **15 October**, 3:00 PM, FLNP: "In situ neutronographic studies of gas-solid chemical reactions in new single-crystal-based cells" by Vladim Sikolenko

Culture

- **17 September – 12 October**, Daily from 1:00 to 7:00 PM (except Monday), JINR Mir Cultural Centre, Painting exhibition
- **9 October**, 6:00 PM, JINR Universal Public Library, English speaking club
- **9 October**, 6:30 PM, JINR Universal Public Library, Scrapbooking club's meeting
- **9 October**, 7:00 PM, JINR Universal Public Library, Summer Reading List book club
- **10 October**, 6:00 PM, JINR Universal Public Library, JINR Cinema Club
- **11 October**, 5:00 PM, JINR Universal Public Library, Performance by sleepback theatre
- **11 October**, 6:00 PM, JINR Mir Cultural Centre, Romeo and Juliet ballet
- **12 October**, 12:00 PM, JINR Mir Cultural Centre, Musical performance
- **12 October**, 5:00 PM, JINR Universal Public Library, Lecture on architecture

Sports

- **11 October** 10:00 AM, JINR Nauka Stadium, Table tennis tournament in memory of Sergey Zinkevich

ALL JINR EVENTS →

© Joint Institute for Nuclear Research
6 Joliot-Curie St, Dubna, Moscow Region, Russia, 141980
press@jinr.ru