

JINR Newsletter #1, 15 January 2025

Dear colleagues and friends,

The Institute resumed its activities after the New Year holidays: ahead of JINR is another year full of creative scientific achievements. You can find out about the plans of the Joint Institute in terms of research and cooperation in 2025 in the Topical Plan.

The latest issue of the JINR Newsletter covers interesting findings of the researchers in Baksan Neutrino Observatory, reopening of the Dubna JINR Restaurant, free tours of the Institute for school and university students, and much more.



JINR in 2025

JINR Topical Plan

The document covers primary directions of the JINR research and international cooperation for 2025. It was adopted at the Committee of Plenipotentiaries of the Governments of the JINR Member States in Minsk, Belarus (November 2024).

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Seminars

MLIT JINR summarised year's results

The lab's debriefing took place on 27 December with the JINR Directorate participation. MLIT Director Sergey Shmatov and Scientific Leader Vladimir Korenkov discussed the 2024 results and plans for the next year. The winners of the JINR grants and prizes among MLIT young researchers were awarded.



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Publications

Collaborative articles by JINR and participants of INTEREST and START Student Programmes published

Several students of the INTEREST Programme took part in preparing the "Annihilation in the gluon dominance model" publication, and a START student co-authored the article entitled "Local crystallographic texture of alpha quartz in silicified wood". The JINR researchers shared their impressions of working with the young scientists.



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JINR scientists discovered new microorganism genomes in Baksan Neutrino Observatory

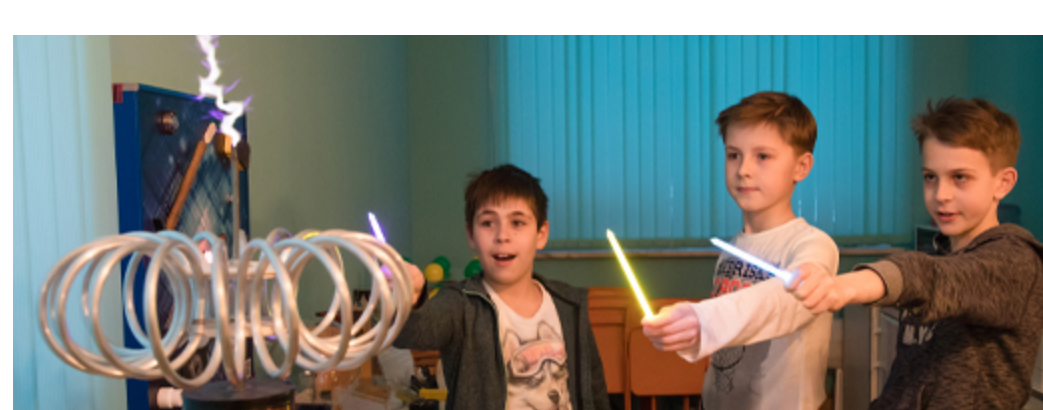
The previously unknown genomes were identified and analysed by DLNP employees when studying an underground microbial community. The results will expand the understanding of the biodiversity of deep underground ecosystems and assist in biotechnological production and bioremediation of contaminated environments.

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Announcements

Journey into science: explore JINR on tours

The Institute conducts free excursions for groups of school and university students. You can find the details and apply on the [JINR University Centre website](#). Children under 14 can also go on excursions around the JINR Museum and the JINR Main Facilities interactive exhibition in the Mir Cultural Centre.



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Registration for Wave 12 of INTEREST Programme opens

The programme will take place from March to April 2025. You can submit your applications until 19 February. The list of JINR scientific programmes of Wave 12 will be available [via the link](#) from 3 February.

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Join in JINR football tournament

From early February to 26 March, JINR will host the 26th Sports Games dedicated to the Institute's Foundation Day. The Association of Young Scientists and Specialists invites JINR employees who play football to take part in the event.

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Media

On progress in MPD NICA solenoid cooling

Please enjoy a video with VBLHEP JINR Deputy Chief Engineer Konstantin Mukhin sharing details about the process of cooling the solenoid at the NICA Accelerator Complex.



[WATCH in VK →](#)

[WATCH on YouTube →](#)

A day in JINR life

Every week, the JINR Telegram channel shares archival photos of the Institute and the city. We invite you to take a look at Dubna citizens at Tyapkin Peak, photographed exactly 57 years ago, on 10 January 1968, and enjoy reminiscences about the famous Dubna hill.

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Dubna JINR Restaurant reopens

Renovations in the famous restaurant have finished. Please enjoy a news story by the Dubna TV Channel showcasing the renewed interior and sharing impressions of the first visitors.



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Seminar recordings

We invite you to watch recordings of two parts of the seminar entitled "Models of nucleus-nucleus collision at NICA energies^{1,2} by Yuri Ivanov and "LEGEND: search for double neutrinoless beta ($0\nu\beta\beta$) decay with germanium detectors³ by Konstantin Gusev.

[WATCH¹ →](#)

[WATCH² →](#)

[WATCH³ →](#)

January wallpapers for your smartphones

This year, the JINR Telegram Channel will be sharing wallpapers on two themes: love for science (inspired by the famous Love Is... comic strip) and interesting locations and interiors of the Joint Institute. Please enjoy this month's wallpapers and take a shot at figuring out where the photo was taken.

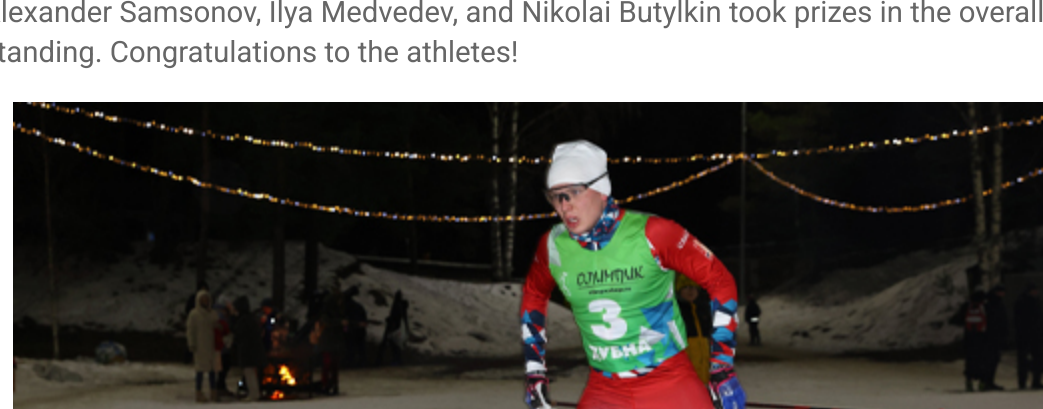


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Sports

Joint Institute Skiing Cup

The JINR Open Cup in cross-country skiing took place at the Yude-Kon Stadium. Alexander Samsonov, Ilya Medvedev, and Nikolai Butykin took prizes in the overall standing. Congratulations to the athletes!



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JINR achievements in tennis

On 6–7 January, the JINR Sports Club hosted a tennis tournament in memory of Academician Dmitry Shirkov. JINR representatives took several prizes. Congratulations on the successful performance!

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Upcoming Events

Governing Bodies

- [20 January, 61st Meeting of the Programme Advisory Committee for Particle Physics, JINR, Dubna](#)

Seminars

- [16 January, 3:00 PM, FLNP, "Theoretical calculation of the IBR-2M Reactor dynamic parameters" by Evgeny Shabalin](#)
- [21 January, 4:00 PM, BLTP, Report on the Theory of Condensed Matter topic for 2024](#)
- [22 January, 11:00 AM, MLIT, Seminar of participants of poster presentations by young scientists on 60th PAC CMP meeting](#)

Culture

- [24 December – 19 January, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, Exhibition by JINR Artists' Club](#)
- [4 – 31 January, Daily from 11:00 AM to 8:00 PM, JINR Universal Public Library, Art exhibition](#)
- [16 January, 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [16 January, 7:00 PM, JINR Universal Public Library, Summer Reading List book club](#)
- [17 January, 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [17 January, 7:00 PM, JINR Universal Public Library, Childbirth book presentation](#)
- [19 January, 5:00 PM, JINR Mir Cultural Centre, Concert of the "Steinway invites" series](#)

For Kids

- [17 January, 5:30 PM, JINR Universal Public Library, SmART classes for children](#)
- [17 January, 6:30 PM, JINR Universal Public Library, Growing up from "Let's READers"](#)
- [18 January, 5:00 PM, JINR Universal Public Library, "Let's READers"](#)
- [18 January, 5:00 PM, JINR Universal Public Library, Winter literary game](#)

[ALL JINR EVENTS →](#)