

JINR Newsletter #5, 13 February 2025

Dear colleagues and friends,

Last week, a meeting of the Coordinating Council for Youth Affairs in the Scientific and Educational Spheres under the Council for Science and Education under the President of Russia took place at JINR. The Institute also hosted a visit of representatives of AMOR, the Azerbaijan Youth Association of Russia.

Prospects for the education and science development in Primorsky Krai, Russia, were discussed at meetings at the JINR Directorate and laboratories with Anna Mekhovskaya, the region's Deputy Minister of Education.

The latest issue of the JINR Newsletter features the announcement of the next JINR Scientific Council, a new preprint, seminar recordings, and the Charming Science project by the Laboratory of Nuclear Problems marking the International Day of Women and Girls in Science.



Advisory Bodies

137th session of the JINR Scientific Council

On 13–14 February, the 137th session of the JINR Scientific Council will take place at the JINR International Conference Centre in a hybrid format. The members of the council will hear news of the Institute's laboratories and departments, elect the Scientific Council Co-Chair, FLNR Director, and LRB Deputy Directors.



[READ MORE →](#)

Meetings & Conferences

Coordinating Council meeting in Dubna: young scientists of Russia discussed plans for 2025

From 7 to 9 February, Dubna hosted a meeting of the Coordinating Council for Youth Affairs in the Scientific and Educational Spheres under the Council for Science and Education under the President of Russia and events dedicated to Russian Science Day.



[READ MORE →](#)

Problems of mathematical physics discussed at BLTP JINR

On 10 February, the International Workshop on Problems of Modern Mathematical Physics (PMMP'25) started at the Laboratory of Theoretical Physics at JINR. More than 75 specialists from Armenia, Bulgaria, China, Russia, and Serbia are taking part in the event.

[READ MORE →](#)

Cooperation

Cooperation development with Primorye in education discussed at JINR

On 3–4 February, a delegation from Primorsky Krai (Russia) visited the Joint Institute. During a meeting with representatives of the JINR Directorate, they discussed cooperation prospects and issues of promoting science and education in the region. In addition, the programme included an introduction to the Institute's research directions and scientific infrastructure.



[READ MORE →](#)

Azerbaijan youth visited JINR

On 7 February, members of the regional offices of the Azerbaijan Youth Association of Russia visited the Joint Institute for Nuclear Research. As part of the event, the guests got acquainted with the JINR scientific infrastructure and laboratories.

[READ MORE →](#)

Congratulations

Boris Sharkov turns 75

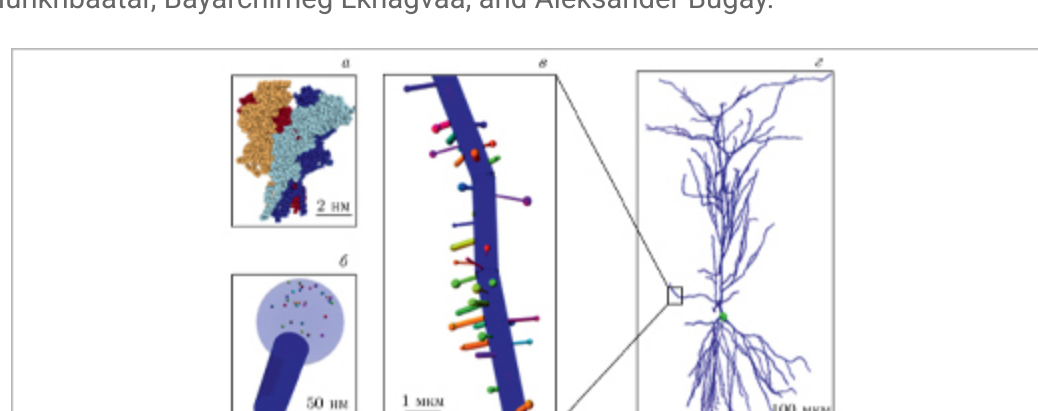
On 11 February, Boris Sharkov, Academician of the Russian Academy of Sciences, JINR Director's Special Representative for Cooperation with International and Russian Scientific Organization, celebrated an anniversary. The Institute's Directorate cordially congratulates Boris Sharkov and wishes him good health, success in his work, happiness, and well-being!

[READ MORE →](#)

Publications

On modelling heavy charged particles' effect on brain

The JINR Publishing Department issued a preprint entitled "Mathematical modeling of radiation-induced effects in central nervous system structures following exposure to heavy accelerated charged particles" by LRB JINR employees Batmunkh Munkhbaatar, Bayarchimeg Lkhagva, and Aleksander Bugay.



[READ MORE →](#)

Announcements

Lunar New Year celebration

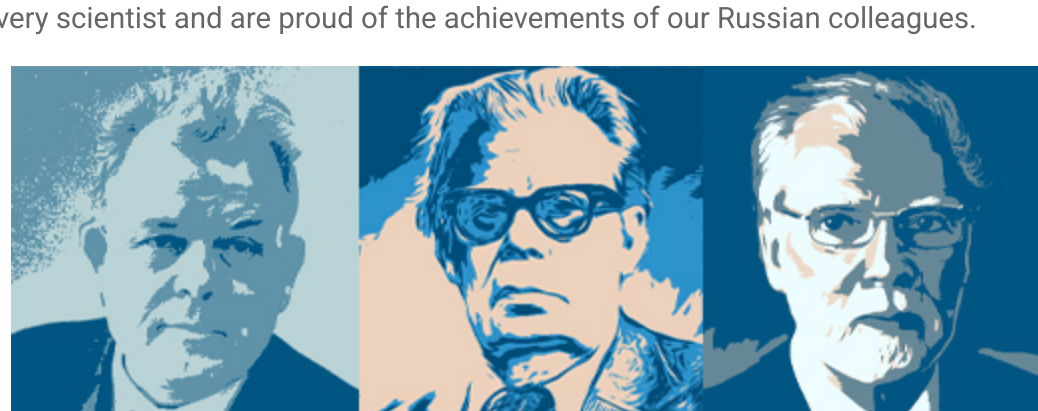
The International Cooperation Department and the Council of Heads of National Groups invite everyone interested to participate in the celebration of the Lunar New Year. The event will take place on 15 February at the Ratmino Resort Hotel. Please note that places are limited. Applications are accepted until 12:00 PM on 13 February.

[READ MORE →](#)

Media

Congratulations on Russian Science Day

8 February marked Science Day in the Russian Federation, the residence country of the Joint Institute for Nuclear Research. We highly appreciate the contribution of every scientist and are proud of the achievements of our Russian colleagues.



[READ MORE →](#)

A day in JINR life

Every week, the JINR Telegram channel shares archival photos of the Institute and the city. We invite you to look at a junior researcher Olga Rubina in the LHE JINR Cryogenic Department, photographed 63 years ago, in February 1962. This post is devoted to the International Day of Women and Girls in Science.

[READ MORE →](#)

Charming science

DLNP JINR Science Communications Group is posting interviews with women working at the laboratory. This year's series is devoted to young DLNP researchers, assistants, and engineers. Their stories show that men and women are equal in science: the principal things are interest, persistence, and desire for knowledge.



[READ MORE →](#)

Seminar recordings

We invite you to watch the recordings of the seminars "Study of electroluminescence and primary scintillation in the visible range in liquid argon detectors"¹ by Vladimir Oleynikov, "Role of reaction mechanisms in deuteron-proton elastic scattering at intermediate energies"² by Nadezhda Ladygina, and "Where is the 'SHIP' headed or physics tasks of the SHIP Experiment"³ by Dmitry Gorbunov.

[WATCH¹ →](#)

[WATCH² →](#)

[WATCH³ →](#)

JINR Weekly Newspaper issued

A new issue of the Weekly JINR Newspaper #4 has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

Upcoming Events

Governing Bodies

- [13 – 14 February, the JINR Scientific Council, JINR International Conference Centre, Dubna](#)

Conferences

- [8 – 23 February, Teachers of the Future workshop for senior physics and mathematics students, JINR, Dubna](#)
- [10 – 14 February, Problems of the Modern Mathematical Physics international workshop \(PMMP'25\), BLTP, Dubna](#)
- [19 February – 22 February, Workshop on SRF Technology for superconducting cavities as part of Russia-China Cooperation on the NICA and HIAE Projects, JINR, Dubna](#)

Seminars

- [13 February, 11:00 AM, VBL-HEP, "Document Management Service" by Ivan Sokolov](#)
- [14 February, 11:30 AM, VBL-HEP, "Study on exotic states in hadronic and proton-nuclear collisions" by Mikhail Barabanov, "Study on spectra and femtosopic correlations in Au+Au interactions at the STAR Facility" by Armen Kechechyan](#)
- [19 February, 11:00 AM, DLNP, "Interferometer for measuring angle and its application in interferometric precision laser inclinometer" by Mikhail Lyablin](#)

Culture

- [22 January – 16 February, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, Quiet World of Dubna exhibition](#)
- [3 February – 6 March, Weekdays from 2:00 to 7:00 PM, JINR Scientists' Club, Commemorative exhibition](#)
- [18 February – 16 March, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, Sculpture exhibition](#)
- [11 February, 7:00 PM, JINR Universal Public Library, Genealogical club's meeting](#)
- [13 February, 7:00 PM, JINR Universal Public Library, Summer Reading List book club](#)
- [14 February, 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [14 February, 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [14 February, 6:30 PM, JINR Mir Cultural Centre, Dance ensemble concert](#)
- [14 February, 7:00 PM, JINR Scientists' Club, Classic Jazz Ensemble](#)
- [15 February, 5:00 PM, Ratmino Resort Hotel, Celebrating the Lunar New Year](#)
- [16 February, 4:00 PM, JINR Mir Cultural Centre, Dance and drama show](#)

For Kids

- [15 February, 12:00 PM, JINR Mir Cultural Centre, Musical performance for children](#)
- [15 February, 5:00 PM, JINR Universal Public Library, "Let's READers"](#)
- [15 February, 6:30 PM, JINR Universal Public Library, Growing up from "Let's READers"](#)

[ALL JINR EVENTS →](#)