

JINR Newsletter #16, 30 April 2025

Dear colleagues and friends,

Last week, the Joint Institute's delegations met with representatives of Uzbekistan's Ministry of Higher Education, Science and Innovation, as well as the Belarusian State University of Informatics and Radioelectronics. The key topics were scientific and educational cooperation.

Specialists at the Laboratory of Information Technologies finished the next modernisation stage of the JINR Multifunctional Information and Computing Complex. A review by JINR employees about amyloid-beta peptide's role in the onset of Alzheimer's disease was published in the Natural Science Review international journal.

Read about the recently finished Baksan School, the upcoming Summer School at Lake Baikal, JINR University Centre participating in career guidance events, and much more in the latest issue of the JINR Newsletter.



Cooperation

Dubna delegation visited Ministry of Higher Education, Science and Innovation of Republic of Uzbekistan

The JINR representatives met with the Republic's First Deputy Minister of Higher Education, Science and Innovation Shaxrukh Daliyev. The participants discussed joint master's programmes with Dubna University, student internships, and Uzbekistan's participation in major international scientific projects.



[READ MORE →](#)

VBLHEP delegation in Belarus

At the Belarusian State University of Informatics and Radioelectronics, researchers of the Laboratory of High Energy Physics at JINR Valery Lebedev and Yegor Tamashevich discussed the development of cooperation with the university's departments specialising in accelerator technologies.

[READ MORE →](#)

Conferences

Particle astrophysics school finished near Mount Elbrus

The 17th Particles and Cosmology Baksan School was dedicated to key issues in experimental and theoretical astrophysics and cosmology. JINR, the Institute for Nuclear Research of the Russian Academy of Sciences, and Kabardino-Balkarian State University organized the event.

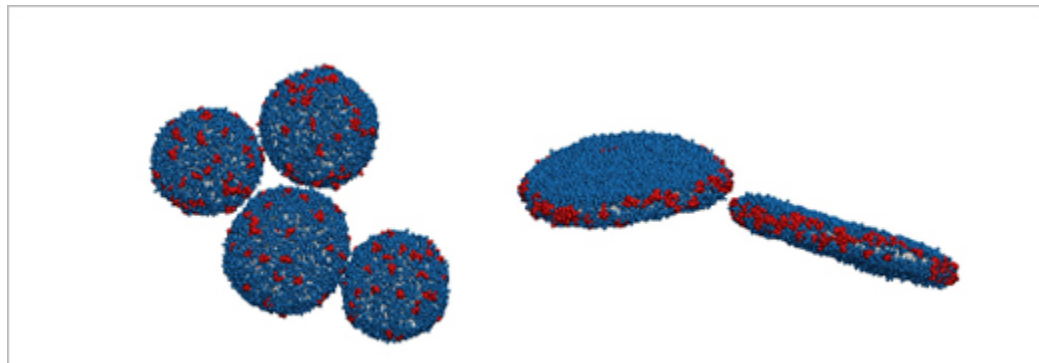


[READ MORE →](#)

Research

Review on role of Aβ peptide in development of Alzheimer's disease published in Natural Science Review journal

The Institute's employees presented a review of articles devoted to studying molecular mechanisms of this illness. Alzheimer's is the most common case of dementia and one of the most complex neurodegenerative pathologies.



[READ MORE →](#)

Another stage of JINR MICC modernisation completed

MLIT employees continue upgrading the engineering infrastructure of the JINR Multifunctional Information and Computing Complex. The equipment providing power supply and cooling, including climate control systems and power distribution modules, underwent improvements.

[READ MORE →](#)

Books

S&T Library exhibition dedicated to 80th anniversary of Victory Day

The JINR Science and Technology Library invites everyone interested to an exhibition presenting books about the Great Patriotic War, JINR scientists who served during wartime, and Dubna residents' recollections. The exhibition will run until 23 May.

[READ MORE →](#)

Announcements

Registration for Summer School at Lake Baikal opens

The 15th Baikal International Summer School on Physics of Elementary Particles and Astrophysics will take place on 11–18 July in Bolshie Koty village (Irkutsk Region, Russia). The event is organized by JINR and Irkutsk State University. Registration is available [via the link](#) until 11 May.



[READ MORE →](#)

(Un)published exhibition: personal stories of Great Victory

From 30 April to 18 May, JINR's Mir Cultural Centre is holding an exhibition sharing the story of the Great Patriotic War through letters, war memoirs, school essays, and archival articles. Visitors are welcome daily from 1:00 to 7:00 PM (except Monday). Admission is free.

[READ MORE →](#)

Media

JINR UC participated in career guidance events

More than 250 people visited the JINR booths at the MIPT career day and the MEPhI University career forum on 25 April. JINR employees presented information on research conducted at the laboratories, opportunities to participate in the Institute's scientific projects, and the 105th Element physics school scheduled for July.



[READ MORE →](#)

Night work with telescopes: mirror alignment

The TAIGA Project studies the Universe's high energy gamma-ray spectrum with active involvement of DLNP employees. The experiment is carried out at the astrophysical test site in the Tunka Valley (Republic of Buryatia, Russia), close to Lake Baikal. Enjoy the photos of telescope collimation by Artur Borodin.

[READ MORE →](#)

A day in JINR history

Every week, the JINR Telegram channel shares archival photographs of the Institute. We invite you to look at a photo of Mikhail Shchetchnikov assembling high-voltage bushings of the VASILISA Facility deflectors at FLNR taken 44 years ago, in April 1981.



[READ MORE →](#)

Seminar recording

We invite you to watch a recording of the seminar "Hot nuclei in collisions of light relativistic beams of the Nuclotron Accelerator with heavy target" by Sergej Avdeyev.

[WATCH in VK →](#)

[WATCH on YouTube →](#)

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper #16 has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

Sports

JINR took prize-winning place at volleyball championship

The JINR team took second place in the city championship among organizations and educational institutions. Congratulations to the athletes on their achievement!

[READ MORE →](#)

Upcoming Events

Seminars

- [7 May, 11:00 AM, DLNP "Resonators of accelerating systems of isochronous cyclotrons for proton therapy" by Semyon Gursky](#)

Culture

- [15 March – 12 May, JINR Universal Public Library, "Fatherland defenders in my family tree" exhibition](#)
- [30 April – 18 May, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, \(Un\)published exhibition](#)
- [6 May, 6:00 PM, JINR Mir Cultural Centre, Opening of \(Un\)published exhibition](#)
- [6 May, 7:00 PM, JINR Universal Public Library, Genealogical club's meeting](#)
- [7 May, 5:00 PM, JINR Mir Cultural Centre, "Peace to World!" concert programme](#)

Sports

- [3 May, 10:00 AM, JINR Sports Club, Volleyball tournament dedicated to the Victory Day](#)

[ALL JINR EVENTS →](#)