JINR Newsletter #21, 3 June 2026

Dear colleagues and friends,

This week, Astana is hosting JINR Days in the Republic of Kazakhstan. The event's rich scientific and educational programme is expected to lay the groundwork for the successful implementation of future joint projects between Kazakhstan and the Member States of the Joint Institute for Nuclear Research.

Among other important events was a meeting of the JINR Science and Technology Council on the progress of the NICA Project and prospects for University Centre development. The event's agenda also included a ceremony to award JINR employees.

Read about the Baikal-GVD Collaboration Meeting, the art & science public talk in Dubna, the photo exhibition with a JINR scientist, and much more in the latest JINR Newsletter.

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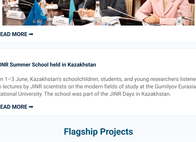
Governing Bodies

JINR STC: NICA progress and University Centre development

A meeting of the JINR Science and Technology Council took place. Chief Scientific Secretary Sergey Nedelko presented the 2025 JINR employee survey. VBLHEP Acting Director Andrey Butenko talked about NICA's progress, and JINR University Centre Director Dmitry Kamanin outlined the UC development prospects.



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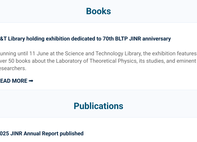
Cooperation

Astana hosted JINR Days in Kazakhstan

The programme of the JINR Days in Kazakhstan, held from 1 to 3 June, included visits of the Institute's delegation to government and scientific organizations, a plenary session, the Summer School, and other events aimed at deepening cooperation between JINR and Kazakhstani research centres.



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JINR Summer School held in Kazakhstan

On 1–3 June, Kazakhstan's schoolchildren, students, and young researchers listened to lectures by JINR scientists on the modern fields of study at the Gumilyov Eurasian National University. The school was part of the JINR Days in Kazakhstan.

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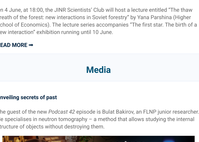
Flagship Projects

Baikal-GVD Collaboration Meeting began in Dubna

The event is taking place in a hybrid format at JINR from 1 to 5 June. The participants are discussing the progress of the Deep Underwater Neutrino Telescope and presenting the results of the 2026 Baikal winter expedition. More than 50 specialists are taking part in the meeting.



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Books

S&T Library holding exhibition dedicated to 70th BLTP JINR anniversary

Running until 11 June at the Science and Technology Library, the exhibition features over 50 books about the Laboratory of Theoretical Physics, its studies, and eminent researchers.

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Publications

2025 JINR Annual Report published

A beam of heavy xenon ions was injected into NICA. Work for the synthesis of elements 119 and 120 continues at the Superheavy Element Factory. The IBR-2M Fast Neutron Reactor resumed operation. More details about the results of the Institute's work in 2025 are available in the annual report.

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Announcements

Saint Petersburg to host photo exhibition with JINR scientist

A VBLHEP senior researcher Mikhail Shandov participated in *The Faces of Science* project presenting the portraits of 32 young Russian researchers – laureates of prestigious scientific awards – at the St. Petersburg International Economic Forum. The exhibition will later be presented in Moscow public spaces and at federal universities in Russia's regions.

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Fourth lecture from Meridian of Interaction series

On 4 June, at 18:00, the JINR Scientists' Club will host a lecture entitled "The thaw breath of the forest: new interactions in Soviet forestry" by Yana Parshina (Higher School of Economics). The lecture series accompanies "The first star. The birth of a new interaction" exhibition running until 10 June.

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Media

Unveiling secrets of past

The guest of the new *Podcast 42* episode is Bulat Bakirov, an FLNP junior researcher. He specialises in neutron tomography – a method that allows studying the internal structure of objects without destroying them.

WATCH ➞

AYSS event digest

AYSS has published the event digest for May with details about meetings with young scientists' associations, social and sports activities, a popular science festival, and much more.

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Mir Cultural Centre hosted Points of Contact public talk

The evening was organized with the support of the Veretevo Art Residence to accompany the Francisco Infante exhibition at the JINR Gallery. The visitors witnessed a conversation about infinity, metaphor, and human attempts to understand the world's structure, followed by a piano concert.

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Seminar recordings

We invite you to watch the recordings of talks "Isospin symmetry in pp and AA collisions"[1] by Gennady Lysakov and "The Josephson effect: from standard to abnormal — research, application, and prospects"[2] by Ilhom Rahmonov.

WATCH[1] ➞
WATCH[2] ➞

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #22, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

JINR firefighting competition

Last week, the JINR Nauka Stadium hosted a firefighting competition for the JINR departments. Among the eight participating teams, the FLNR employees took first place. The AYSS and MLIT teams came second and third respectively. Congratulations to our colleagues!

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Upcoming Events

Conferences & Workshops

- **1–5 June**, Baikal Collaboration Workshop, JINR, Dubna
- **7–14 June**, 15th Conference of Young Scientists and Specialists (Alushta-2026), Dubna Resort Hotel, Alushta

Seminars

- **4 June**, 15:00, MLIT, "Methods and software tools for automating the management of scientific publication metadata" by Andrey Kondratyev
- **8 June**, 15:30, BLTP, "Supermagnetism of atomic nuclei: clusters, and their ensembles" by Vladimir Kondratyev
- **9 June**, 11:00, Meeting of DLNP Dissertation Council, "Formation of the cyclotron magnetic field to ensure the required particle dynamics" by Ivan Legkin
- **9 June**, 11:00, FLNP, "Trends in the development of software systems at neutron centres" by Andrey Kirilov
- **10 June**, 11:00, MLIT, Seminar of participants of 63rd PAC CMP section for young researchers

Culture

- **26 March – 10 June**, JINR Mir Cultural Centre, The First Star: the Birth of a New Interaction exhibition
- **20 May – 25 June**, JINR Scientists' Club, "Bulgaria – motherland of Cyrillic alphabet" exhibition
- **4 June**, 18:00, JINR Scientists' Club, Meridian of Interaction lecture series. Lecture 4
- **4 June**, 18:00, JINR Universal Public Library, English speaking club
- **4 June**, 19:00, JINR Universal Public Library, Summer Reading List book club
- **5 June**, 18:00, JINR Universal Public Library, Jazz evening in Blokhintsev Library
- **9 June**, 18:00, JINR Scientists' Club, JINR Film Union
- **10 June**, 19:00, JINR Mir Cultural Centre, Dubna Symphony Orchestra concert

ALL JINR EVENTS ➞

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