

JINR Newsletter #40, 14 October 2026

Dear colleagues and friends,

Participants of the latest JINR Science and Technology Council meeting discussed updates regarding the Joint Institute's research and international cooperation. Special attention was paid to the development of R&D projects and the prospects for applied studies using accelerated ion beams at the Laboratory of Nuclear Reactions.

Applied research also topped the agenda of the ARIADNA Collaboration Meeting, which gathered around 200 scientists and specialists. Basic research carried out at the NICA Accelerator Complex will contribute to innovative technologies, medicine, space exploration, nuclear energy, and the creation of new materials.

Cooperation is expanding with the Institute of Biomedical Problems of the Russian Academy of Sciences – a member of the ARIADNA Collaboration at NICA. An IMBP laboratory opened at the site of the Laboratory of Nuclear Problems at JINR, aimed at studying radiation safety for human spaceflight. Read about this and much more in the latest JINR Newsletter.

JINR Press Office



Advisory Bodies

JINR STC: innovative projects and applied research

On 9 October, the JINR International Conference Centre hosted a meeting of the JINR Science and Technology Council. The STC members discussed the development programme of R&D projects as well as applied studies using accelerated ion beams at FLNR.



[READ MORE →](#)

Cooperation

Laboratory of Institute of Biomedical Problems of Russian Academy of Sciences resumed work at JINR

The facility officially opened at the DLNP JINR site. The building underwent major repairs carried out in relation to future research in radiation safety of human space flights. The joint work of JINR and IMBP RAS is focused mainly on performing experiments using accelerated ion beams of the NICA Complex.

[READ MORE →](#)

Conferences

ARIADNA: from fundamental research to practical solutions

JINR hosted a meeting of the ARIADNA Collaboration, which serves as a platform for discussing the applied research programme at the NICA Complex. The event took place in a hybrid format and brought together about 200 scientists and specialists from 42 organizations of 11 countries.



[READ MORE →](#)

JINR Social

JINR commemorated LRB founder Evgeny Krasavin

On 6 October, a ceremony took place at the Laboratory of Radiation Biology to unveil a plaque and open a memorial office dedicated to outstanding radiobiologist Evgeny Krasavin. The event gathered the Institute's Directorate, the researcher's colleagues and students as well as participants of the 9th Congress on Radiation Research.

[READ MORE →](#)

Announcements

Registration for Wave 15 of INTEREST Programme opens

The International Remote Student Training allows young people to work on research projects online under the supervision of the Institute's leading specialists. Wave 15 will take place from 26 October to 4 December. You can submit your application until 16 October.



[READ MORE →](#)

Deadline extended for experiment proposals at IBR-2 Reactor in first half of 2027

Users will have access to neutron diffractometers and reflectometers; small-angle and inelastic neutron scattering, neutron tomography and radiography, along with neutron activation analysis facilities. Applications are accepted via the online system at ibr-2.jinr.int. The new proposal deadline is 24 October. For any inquiries, please e-mail flnpuserclub@jinr.int.

[READ MORE →](#)

CMS DMS Meeting of Young Scientists and Specialists

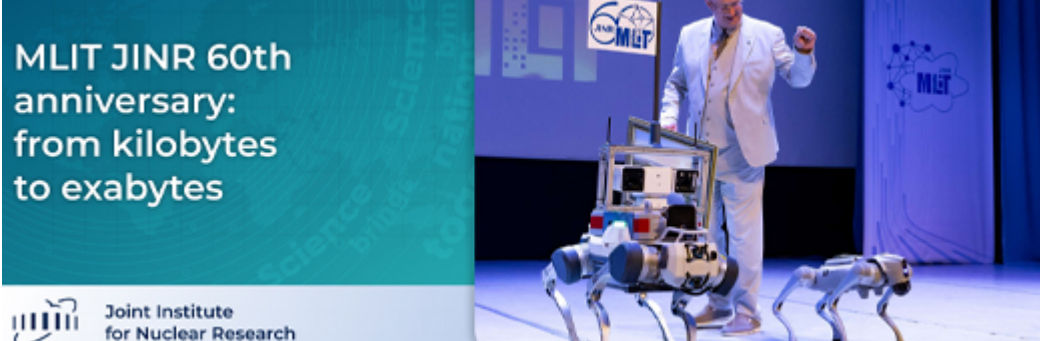
The Laboratory of Information Technologies will host the meeting on 19–20 November. At the event, young participants of the Compact Muon Solenoid experiment at the LHC representing JINR will discuss their recent research results. Registration is open until 4 November.

[READ MORE →](#)

Media

MLIT JINR 60th anniversary: from kilobytes to exabytes

At the end of September, the JINR Mir Cultural Centre celebrated the anniversary of the Laboratory of Information Technologies at JINR. You are welcome to watch a video from the event.



[WATCH →](#)

JINR archive

The JINR Telegram channel shared the Nuclear Synthesis photo poster made by Yuri Tumanov in October 1970.

[READ MORE →](#)

Seminar recording

We invite you to watch a recording of the talk “The factor of nuclear modification of inclusive charged particles in Au+Au collisions at $\sqrt{s_{NN}} = 19.6$ and 27 GeV in the STAR Experiment” by Alisher Aitbayev.

[WATCH →](#)

Upcoming Events

Conferences

- **18–22 October.** [30th International Scientific Conference of Young Scientists and Specialists \(AYSS-2026\), Tashkent, Uzbekistan](#)
- **18–23 October.** [14th ITP/CAS–BLTP/JINR Joint Workshop on Physics of Strong Interacting Systems, Nanjing, China](#)
- **20–22 October.** [18th Collaboration Meeting of the MPD Experiment at NICA, JINR, Dubna](#)

Seminars

- **15 October.** 15:00. BLTP. [“Precision studies of neutron decay, left-right asymmetric model of weak interaction, CP violation and baryon asymmetry of the Universe” by Anatoly Serebrov](#)
- **15 October.** 15:00. MLIT. [“Practical experience in developing systems for GPU computing and high-performance data processing” by Alexander Matyukhin](#)
- **16 October.** 11:30. VBLHEP. [“Study of the influence of rotation and acceleration on the QCD phase diagram” by Victor Braguta](#)
- **20 October.** 11:00. MLIT. [“Mathematical modelling of electrical conductivity of films based on metallic nanowires: new models, algorithms, and a software package” by Andrey Eserkepov](#)
- **20 October.** 14:30. BLTP. [“Extended de Sitter Gravity and the dark side of the Universe” by Branko Dragovich](#)

Culture

- **22 September – 23 October.** [JINR Scientists’ Club. Painting exhibition](#)
- **15 October.** 18:00. JINR Universal Public Library. [English speaking club](#)
- **16 October.** 18:00. JINR Universal Public Library. [JINR Cinema Club](#)
- **17 October.** 18:00. JINR Mir Cultural Centre. [Concert of Sonorus orchestra](#)
- **18 October.** 18:00. JINR Mir Cultural Centre. [Musical and dance show](#)
- **20 October.** 18:00. JINR Universal Public Library. [Russian speaking club](#)
- **20 October.** 19:00. JINR Universal Public Library. [Genealogical club's meeting](#)
- **21 October.** 19:00. JINR Mir Cultural Centre. [Violin concert “Art of Japan in Russia”](#)

[ALL JINR EVENTS →](#)