

JINR Newsletter #29, 6 August 2025

Dear colleagues and friends,

An important recent scientific milestone is the launch of a grid site for the SPD Collaboration at the NICA Accelerator Complex by the Laboratory of Information Technologies at JINR and Samara University, Russia. The computer cluster will aid in the distributed processing of physics data from the SPD Experiment.

This autumn, the AYSS-2025 conference will provide young researchers from different countries with an opportunity to get acquainted with JINR, where international teams work together, united by the common goal of promoting science and technology. The registration has already started.

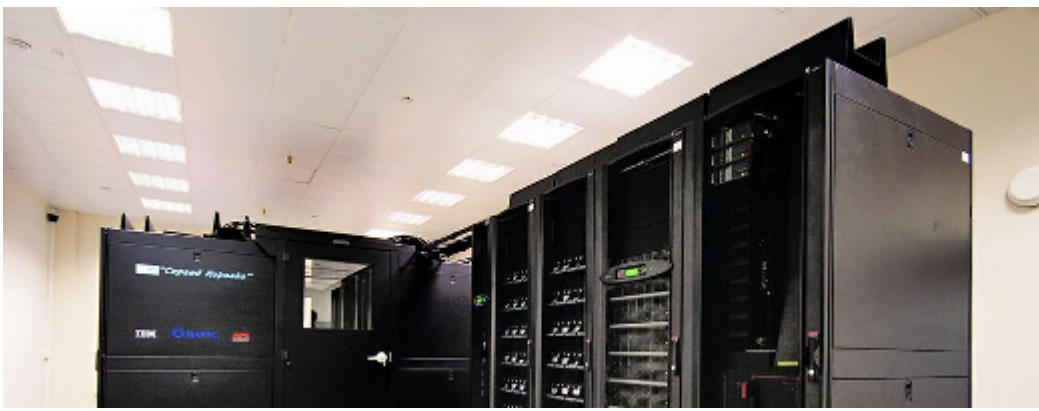
The participation of the Laboratory of Nuclear Problems at JINR in the RAD 2025 conference held in Montenegro, details about the recently patented unique solenoid of NICA's cooling system, and much more in the latest issue of the JINR Newsletter.



Research

JINR and Samara University launched grid site for SPD Collaboration

The computer cluster is designed for distributed processing of physical data from the SPD Experiment at the NICA Accelerator Complex. This project is a result of the collaboration between the Laboratory of Information Technologies and Korolev Samara National Research University.

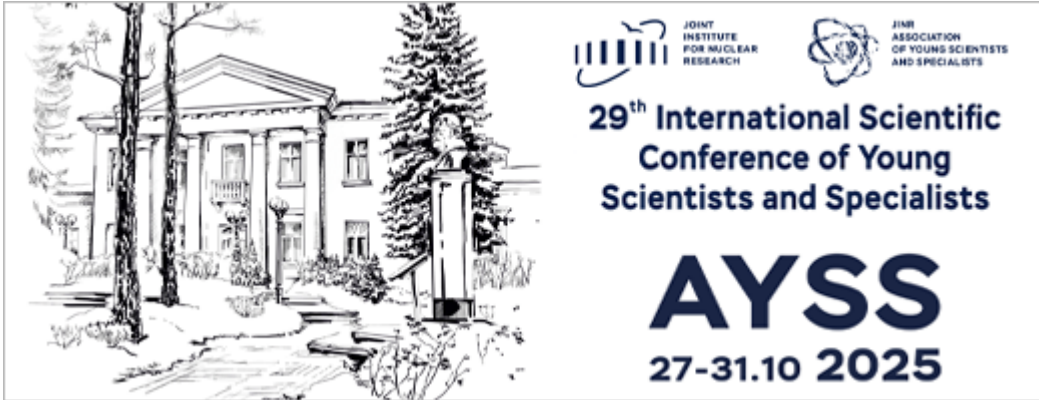


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Announcements

Registration for AYSS-2025 conference opens

From 27 to 31 October, JINR will host the 29th AYSS-2025 International Scientific Conference. Students, young scientists, and specialists under 36 from all over the world are invited. Registration is [open](#) until 12 September. The call for abstracts will be announced later.



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Media

July wallpapers for your devices

Our new wallpaper set features radioresistant fungi in Petri dishes. Their spores were found in the building of the IBR-2 Research Reactor's pit, known for its high background radiation.



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DLNP JINR at RAD 2025 conference

The 13th International Conference on Radiation, Natural Sciences, Medicine, Engineering, Technology and Ecology took place on 16–20 June in Montenegro. A Sector Head at the Laboratory of Nuclear Problems at JINR Yuri Usov made a presentation entitled "Dubna, ultra-low temperature, usage, history and tradition".

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Unique solenoid of NICA's cooling system patented

The patent was obtained by the Budker Institute of Nuclear Physics. The cooling system is of great importance to the NICA Accelerator Complex as it is used for improving beam focusing by increasing its density.

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AYSS event digest

AYSS has published the event digest for July: JINR representatives attended the 13th All-Russian Congress of Councils of Young Scientists and Student Scientific Communities and participated in the BRICS+ Open Science Week, the Moscow Region Governor met with JINR employees, and the Lipnya-2025 school took place.

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Sports

26th Dzhelepov Cousins Tennis Tournament

Over 50 players took part in the games in memory of outstanding physicists, cousins Venedikt and Boris Dzhelepov. JINR Vice-Director Latchesar Kostov, DLNP Director Evgeny Yakushev, and the tournament's Director Igor Dzhelepov gave speeches at the opening of the event.



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JINR to host tournaments marking Physical Education Day

In August, open competitions in three sports will take place at the Joint Institute: [tennis](#), [table tennis](#), [volleyball](#). You can find the tournament regulations on the website.

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JINR achievement in triathlon

On 2 August, Belarus hosted the 2025 Minsk Triathlon, which brought together a record number of participants: more than 2100 athletes. A JINR Archimedes Swimming Pool coach Maria Alikina won a bronze medal. Congratulations on the successful performance!

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Upcoming Events

Conferences & Workshops

- [8–9 August, Interplay of Gravity and Strong Interactions workshop, BLTP JINR, Dubna](#)
- [11–15 August, International Conference "Advances in Quantum Field Theory" \(AQFT-2025\), BLTP JINR, Dubna](#)

Training

- [26 July – 15 August, 37th International Computer School and 3rd Teachers of the Future workshop, JINR, Kadyshovsky Physics and Mathematics Lyceum, Dubna](#)

Seminars

- [11 August, 11:00 AM, BLTP, "First high-throughput evaluation of dark matter detector materials" by Pavel Maksimov](#)

Culture

- [15 July – 10 August, Daily from 1:00 to 7:00 PM \(except Monday\), JINR Mir Cultural Centre, Painting exhibition](#)
- [7 August, 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [7 August, 7:00 PM, JINR Universal Public Library, Hairpin book club](#)
- [8 August, 6:30 PM, JINR Universal Public Library, JINR Cinema Club](#)

Sports

- [9 August, 9:00 AM, JINR Nauka Stadium, Physical Education Day, Table tennis tournament](#)
- [9 August, 9:30 AM, JINR Nauka Stadium, Physical Education Day, Tennis tournament](#)
- [10 August, 10:00 AM, JINR Nauka Stadium, Track and field race](#)

[ALL JINR EVENTS →](#)