



JINR Newsletter #15, 23 April 2025

Dear colleagues and friends,

This week's key event, the Joint Institute Days in Uzbekistan, started with JINR and the Republic's Academy of Sciences signing a cooperation agreement. The numerous planned events as part of the Days will greatly promote cooperation with Uzbekistan, enriching knowledge in the country through joint research.

Partnership development prospects were at the top of the agenda of another event last week. Following the 26th JEMS International training course, a round table took place, focusing on ways to expand the Institute's collaboration with higher education institutions through Information Centres in order to strengthen JINR's role as a hub for knowledge exchange.

Read about a department's anniversary at the Moscow State University branch in Dubna, Russian Science Foundation grants, JINR researchers at conferences, and much more in the latest issue of the JINR Newsletter.



Telegram
@jinrofficial

Cooperation

JINR Days in Uzbekistan started in Academy of Sciences of Republic of Uzbekistan

From 22 to 24 April, JINR delegates are presenting the Institute's activities and discussing cooperation prospects with Uzbekistan colleagues. A key event was JINR signing a cooperation agreement with the Republic's Academy of Sciences.



[READ MORE →](#)

JEMS-26: valuable experience for future scientific achievements

The international training course finished with a round table. JEMS participants shared feedback on the programme and took part in discussing cooperation, particularly through developing the JINR Information Centres.

[READ MORE →](#)

Education

Moscow State University branch in Dubna is of great worth to JINR

JINR representatives, together with the branch's professors, employees, students, and graduates, celebrated the 25th anniversary of the Department of Fundamental Nuclear Interactions. They discussed the department's achievements, close partnership with the Institute, and further plans.



[READ MORE →](#)

Announcements

Workshop on superconducting and magnetic hybrid structures: registration continues

The Laboratory of Theoretical Physics will host the event on 7–10 July in person. The workshop will include plenary and oral presentations along with a poster session of young researchers. Registration is available until 10 May [via the link](#).



[READ MORE →](#)

Russian Science Foundation accepts grant applications

Three competitions are now available. Scientific teams can receive grants for research under the supervision of foreign scientists, get funding for international research, or have deadlines for projects supported by the Foundation's grants in 2022 extended.

[READ MORE →](#)

Open day at Dubna branch of Moscow State University

The event will take place online on 27 April, at 1:00 PM, Moscow time. The speakers will provide detailed information on a new Master's course, "Methods and technologies of data processing in heterogeneous computing environments".

[READ MORE →](#)

Literature and music evening dedicated to Victory Day

On 25 April, at 5:00 PM, the JINR Scientists' Club will host an event dedicated to the 80th anniversary of Victory Day in the Great Patriotic War (1941 – 1945). The programme will include a talk about Mikhail Meshcheryakov's experience at the front line and a play by Kvadrat Theatre.



[READ MORE →](#)

Trip to learn more about Great Patriotic War

On 4 May, the Association of Young Scientists and Specialists of JINR will organize an excursion to the park dedicated to the Great Patriotic War (1941 – 1945). Please note the registration ends today, on 23 April, at 11:59 PM, Moscow time.

[READ MORE →](#)

Media

Yuri Oganessian: Very Personal

Yuri Oganessian appeared in a new episode of the *Very Personal* programme hosted by Victor Loshak. Victor and Yuri talked about science, the spiritual and the material, new discoveries, and the island of stability.



[WATCH →](#)

MLIT computing presented at conference

At the 26th Kharkov Scientific Readings, representatives of the Laboratory of Information Technologies discussed MLIT computing capabilities and machine learning methods in high energy physics and applied tasks.

[READ MORE →](#)

Institute's scientists share study results at all-Russian conference

Researchers from the Laboratory of Radiation Biology participated in the 78th Biosystems: Organization, Behavior, Management conference, which took place from 14 to 16 April at Lobachevsky State University, Nizhny Novgorod, Russia.



[READ MORE →](#)

A day in JINR history

Every week, the JINR Telegram channel shares archival photos of the Institute. We invite you to look at the renowned American physicist Isidor Rabi touring Synchrotron's magnetic system at LHE at JINR photographed 66 years ago, in April 1959.

[READ MORE →](#)

Seminar recordings

We invite you to watch recordings of the seminars "Study of diffuse reflection of light from the mirror of the TUS Detector"¹ by Alexander Blinov and "Development of the physics programme and detectors design for the CEPC experiments"² by Yuri Davydov.

[WATCH¹ →](#)

[WATCH² →](#)

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper #15 has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

Upcoming Events

Seminars

- **24 April, 11:00 AM, VBLHEP** "Trigger efficiency evaluation in a xenon run at the BM@N Experiment with a beam kinetic energy of 3.8 AGeV" by Vasili Plotnikov
- **24 April, 4:00 PM, BLTP** "Overview of the proton spin problem in deep inelastic scattering" by Boris Ermolaev
- **24 April, 3:30 PM, FLNR** "Micromechanical testing of metallic alloys with swift heavy ions" by Adel Hashhash
- **25 April, 11:00 AM, BLTP** " $\tau \rightarrow \pi \pi n \nu_\tau$ and $\tau \rightarrow \pi \pi n \nu_\tau$ decays in the extended Nambu-Jona-Lasinio model" by Aleksei Pivovarov
- **25 April, 11:00 AM, FLNP** "Iso-scattering points in small-angle scattering" by Mikhail Avdeev
- **25 April, 11:30 AM, VBLHEP** "Hot nuclei in collisions of light relativistic beams of Nuclotron accelerator with heavy target" by Sergei Avdeyev
- **29 April, 11:00 AM, FLNP** "Multilayer mirrors for X-ray and neutron applications" by Vladimir Polkovnikov

Culture

- **30 April – 18 May** Daily from 1:00 to 7:00 PM (except Monday), JINR Mir Cultural Centre, "(Not) Published" exhibition
- **24 April, 6:00 PM**, JINR Universal Public Library, JINR Cinema Club
- **24 April, 6:00 PM**, JINR Scientists' Club, JINR Film Union
- **24 April, 7:00 PM**, JINR Universal Public Library, Summer Reading List book club
- **24 April, 7:00 PM**, JINR Mir Cultural Centre, Jazz concert
- **25 April, 5:00 PM**, JINR Scientists' Club, Literature and music evening dedicated to Victory Day
- **25 April, 6:00 PM**, JINR Universal Public Library, English speaking club
- **26 April**, JINR Universal Public Library, Biblionight 2025

For Kids

- **25 April, 5:00 PM**, JINR Universal Public Library, Little Owls children's book club

Sports

- **26 April, 12:00 PM**, JINR Sports Complex, Table tennis tournament dedicated to Victory Day
- **27 April, 11:00 AM**, JINR Yacht Club, Track and field run in memory of L. N. Yakutlin

[ALL JINR EVENTS →](#)