

JINR Newsletter #15, 22 April 2026

Dear colleagues and friends,

The 17th MPD Collaboration Meeting is taking place at the Laboratory of High Energy Physics at JINR. Topping the agenda is the progress of the Multi-Purpose Detector at the NICA Accelerator Complex and its readiness for the next physics run. The participants include about 200 scientists from 11 countries.

Last week, JINR hosted a workshop for students, researchers, and social media representatives from all over the world. The event was aimed at enhancing the skills of young science popularisers in order to facilitate the development of science and education in their home countries.

Learn more about Dubna students' participation in a scientific school in Egypt, a series of lectures by leading researchers, and much more in the latest JINR Newsletter.

JINR Press Office



Flagship Projects

MPD Collaboration prepares for first experiments at NICA

This week, the Laboratory of High Energy Physics at JINR is hosting the 17th MPD Collaboration Meeting. About 200 scientists from 11 countries are discussing the progress of the NICA Accelerator Complex and the Multi-Purpose Detector.



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Education

Seminar titled "Scientific Russia through eyes of young people from abroad" held in Dubna

Over 30 students and young researchers from 24 countries living in Russia shared unique experiences in popularising science through social media. The event was organized with the JINR participation.



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Immersion in world of hadrons: JINR held school on physics of quark-gluon matter

From 10 to 14 April, JINR and Moscow Institute of Physics and Technology held an intensive on hadron matter physics for undergraduate students in Dubna. In addition to attending lectures covering theoretical and experimental aspects of the field, the participants toured JINR laboratories.

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Dubna high schoolers participated in science school in Cairo

Hosted by the Academy of Scientific Research and Technology, the school provided career guidance and introduced the participants to Egypt's scientific centres and their studies.



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Publications

Review of Particles & Nuclei, Letters, #2 2026

The JINR Publishing Department has issued the second part of this year's volume of the "Physics of Elementary Particles and Atomic Nuclei, Letters" journal that includes articles on theoretical, experimental, technical, methodical, and applied research.

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Media

Meridian of Interaction lecture series

From April to July, scientists from leading universities and research centres will give talks at the Institute. On 23 April, JINR Deputy Chief Scientific Secretary Alexey Zhemchugov will deliver the first lecture, *A Temple for Atom Destroyers: CERN in the 1950s*.



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Seminar recordings

We invite you to watch recordings of "Jet quenching, ridges, and other effects of relativistic nuclear physics"¹ by Oleg Rogachevsky, "Astrophysical research at the TAIGA Experiment"² by Andrey Grinyuk, and "Cosmological Axion Sarov Haloscope (CASH): searching for dark matter axions, dark photons, and high-frequency gravitational waves below quantum limit"³ by Petr Satunin.

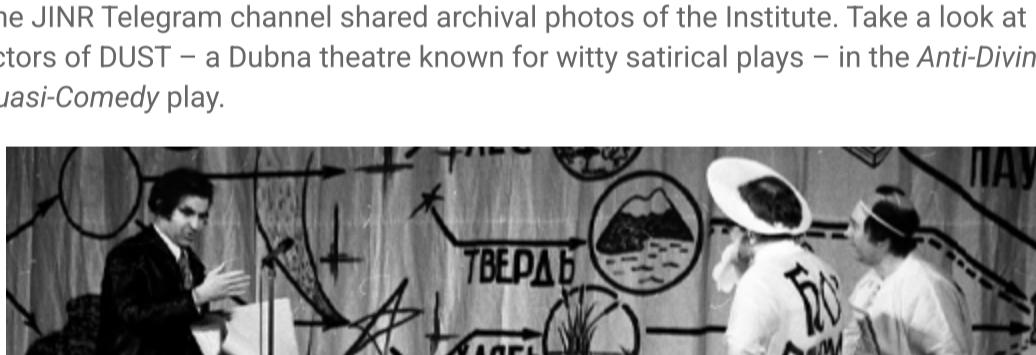
[WATCH¹ →](#)

[WATCH² →](#)

[WATCH³ →](#)

A day in JINR history

The JINR Telegram channel shared archival photos of the Institute. Take a look at actors of DUST – a Dubna theatre known for witty satirical plays – in the *Anti-Divine Quasi-Comedy* play.



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Weekly JINR Newspaper issued

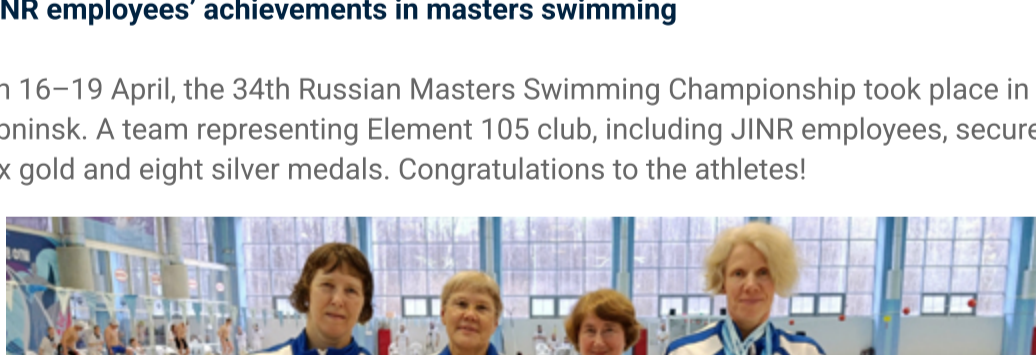
A new issue of the Weekly JINR Newspaper, #16, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

JINR employees' achievements in masters swimming

On 16–19 April, the 34th Russian Masters Swimming Championship took place in Obninsk. A team representing Element 105 club, including JINR employees, secured six gold and eight silver medals. Congratulations to the athletes!



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Institute's representatives at darts competition

A JINR team took third place in a darts competition hosted by Raduga Sports Palace as part of the city's Spartakiad for enterprises and educational institutions. Congratulations on the successful performance!

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Upcoming Events

Conferences

- [21–23 April. 17th Collaboration Meeting of the MPD Experiment at the NICA Facility, JINR, Dubna](#)
- [22–24 April. Scientific and practical conference entitled "Tagged neutron method and neutron technologies: research, development, and application in the oil and mining industries", JINR, Dubna](#)

Seminars

- [23 April. 11:00 AM. FLNP. Seminar in memory of Fyodor Shapiro](#)
- [24 April. 11:30 AM. VBLHER. "Achievements in hypernuclear and strange particle physics \(based on the materials of the HYP2025 conference, Tokio\)" by Dmitry Krivenkov](#)
- [23 April. 11:00 AM. DLNP. "Intrinsic energy resolution of the scintillation signal in liquid argon" by Olga Lychagina](#)
- [27 April. 10:00 AM. Joint seminar of JINR and Mikheev Institute of Metal Physics](#)
- [28 April. 11:00 AM. DLNP Dissertation Council. "Solving the problems of electromagnetic radiation and neutrino transfer in modelling the neutrino telescope response" by Vladimir Allahverdiyev](#)
- [28 April. 3:30 PM. FLNP. "Scintillation and microstrip silicon detectors for the EXPERT Project at GSI/FAIR" by Bulat Khamidullin](#)
- [29 April. 11:00 AM. MLIT. "On the lognormal distribution of ionisation losses in the TPC Detector of the MPD/NICA Experiment" by Evgeny Osetrov](#)

Culture

- [26 March – 1 June. JINR Mir Cultural Centre. The First Star: the Birth of a New Interaction exhibition](#)
- [23 April. 6:00 PM. JINR Scientists' Club. Meridian of Interaction lecture series. Lecture 1](#)
- [23 April. 6:30 PM. JINR Universal Public Library. Scrapbooking club's meeting](#)
- [23 April. 7:00 PM. JINR Universal Public Library. Summer Reading List book club](#)
- [25 April. 2:00 PM. JINR Universal Public Library. Biblionight 2026](#)
- [25 April. 6:00 PM. JINR Universal Public Library. JINR Cinema Club](#)
- [28 April. 5:00 PM. JINR Scientists' Club. Lecture about Vietnam](#)
- [28 April. 6:00 PM. JINR Scientists' Club. JINR Film Union](#)
- [28 April. 7:00 PM. JINR Mir Cultural Centre. Classical music concert](#)

[ALL JINR EVENTS →](#)