

JINR Newsletter #11, 20 March 2024

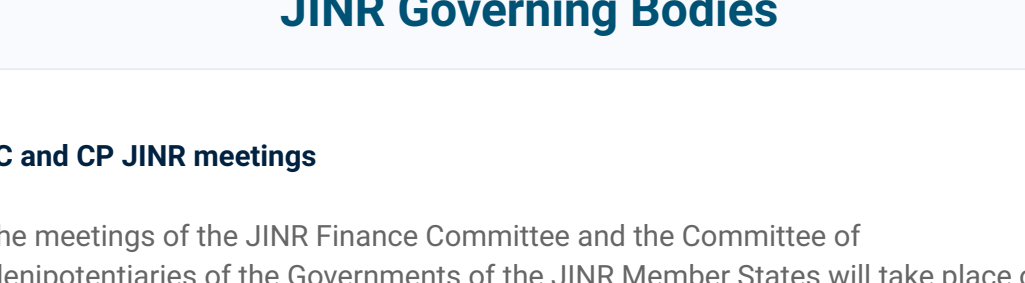
Dear colleagues and friends,

This week, the Institute is holding the first sessions of the JINR Governing Bodies in the new seven-year period: the JINR Finance Committee and the Committee of Plenipotentiaries of the Governments of the JINR Member States.

Another highlight was the celebration of the 40th anniversary of the commissioning of the unique research facility of JINR, the IBR-2 Pulsed Reactor.

The latest issue of the JINR Newsletter also features information on how the cooperation of the Institute with scientific and educational centres is progressing, on new developments, and activities of JINR.

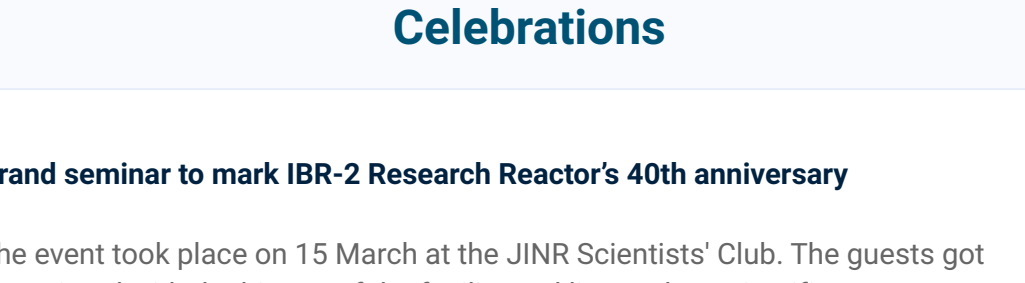
JINR Press Office



JINR Governing Bodies

FC and CP JINR meetings

The meetings of the JINR Finance Committee and the Committee of Plenipotentiaries of the Governments of the JINR Member States will take place on 21–23 March in the JINR International Conference Centre. Agendas are presented on the website.



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Celebrations

Grand seminar to mark IBR-2 Research Reactor's 40th anniversary

The event took place on 15 March at the JINR Scientists' Club. The guests got acquainted with the history of the facility and listened to scientific reports. JINR Director Grigory Trubnikov and FLNP Director Egor Lychagin gave opening speeches.

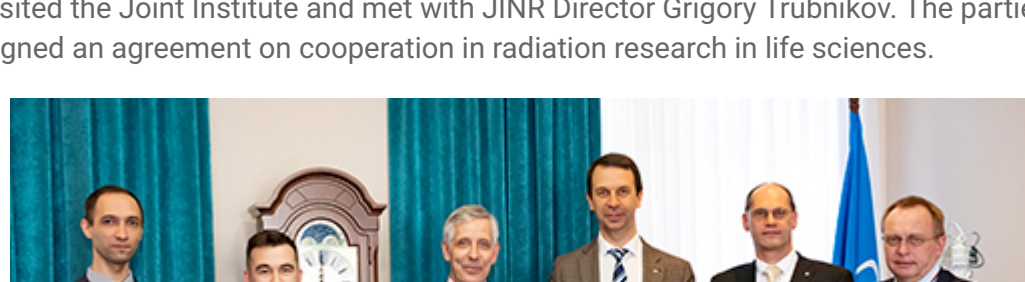


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Research

FLNR JINR creates cryogenic gas-filled ion trap

The new device will become the key element of the new FLNR facility for ultra-precise measurement of the masses of nuclei of heavy and superheavy elements. The first experiment with the trap will potentially be carried out as early as next year.

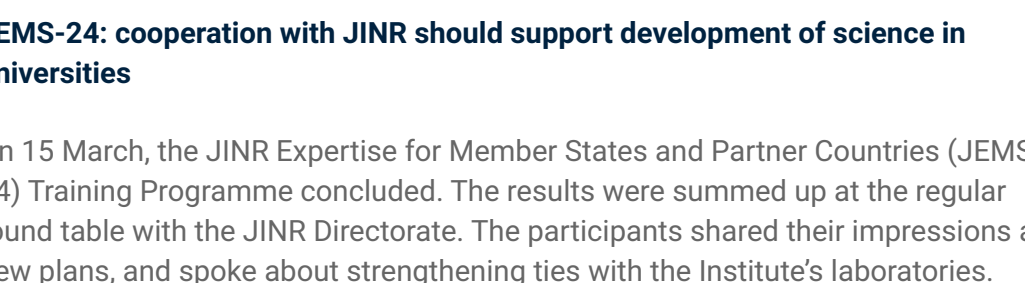


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Cooperation

JINR and Kazan Scientific Centre of RAS signed cooperation agreement

On 15 March, representatives of Kazan SC RAS, Director Alexey Kalschev and Head of the Laboratory of Structural Analysis of Biomacromolecules Konstantin Usachev, visited the Joint Institute and met with JINR Director Grigory Trubnikov. The parties signed an agreement on cooperation in radiation research in life sciences.



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JEMS-2024 participants discussed issues of personnel training for large scientific projects

On 13 March, as part of the JEMS-2024 Training Course, a round table took place at the JINR International Conference Centre. Participants discussed a range of issues related to the training of personnel for large scientific projects with executives from JINR, Dubna State University, and the MSU Branch in Odessa.

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JEMS-24: cooperation with JINR should support development of science in universities

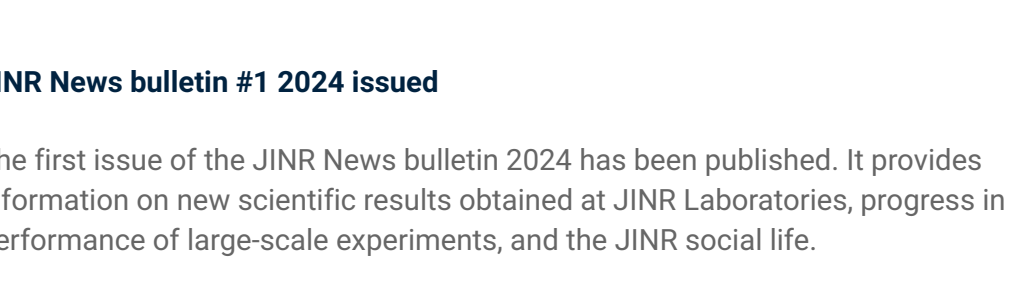
On 15 March, the JINR Expertise for Member States and Partner Countries (JEMS-24) Training Programme concluded. The results were shared up at the regular round table with the JINR Directorate. The participants shared their impressions and new plans, and spoke about strengthening ties with the Institute's laboratories.

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Collaborations News

Budker Institute of Nuclear Physics joins SPD Collaboration at NICA

According to the agreement signed between JINR and the Budker Institute of Nuclear Physics, BINP specialists will participate in the development and manufacture of the detector's magnetic system and the creation of a particle identification system based on aerogel Cherenkov detectors.

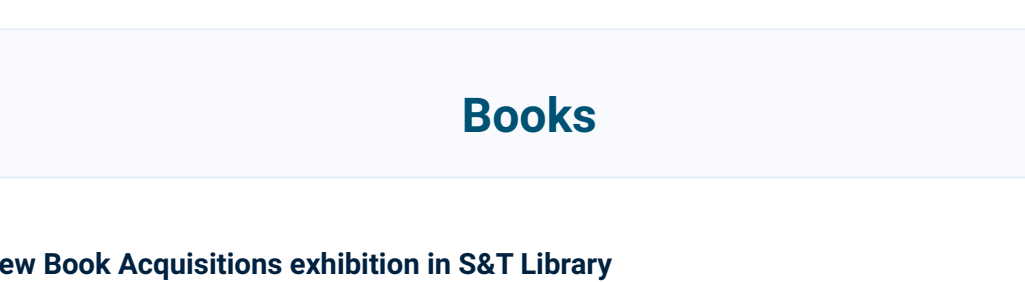


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Education

JINR at Russian Week of High Technologies

This year, the Joint Institute became one of the main partners of the Russian High Technologies Week, which began on 18 March. The event includes thematic lessons, workshops, and quests dedicated to various sciences. The participants are schoolchildren, their parents and teachers.



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Results of grant competition for Dubna teachers

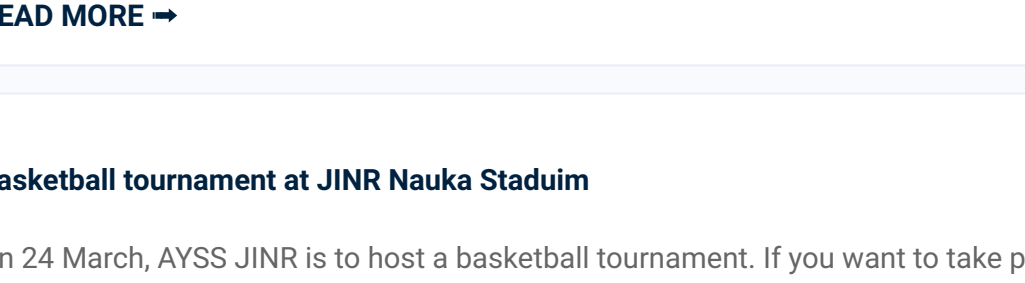
12 schoolteachers and teachers of additional education of Dubna won the annual grant competition of the Joint Institute for Nuclear Research. The competition aims to promote professional development and stimulate the creative and educational activity of teachers.

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Publications

JINR News bulletin #1 2024 issued

The first issue of the JINR News bulletin 2024 has been published. It provides information on new scientific results obtained at JINR Laboratories, progress in performance of large-scale experiments, and the JINR social life.



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Report on Trade Union work in 2023

We offer you to get acquainted with the report on the work of the JINR Trade Union in 2023. The Trade Union of the Joint Institute for Nuclear Research is a public non-profit organization that monitors compliance with the existing labour laws.

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Books

New Book Acquisitions exhibition in S&T Library

On 18–29 March, the JINR Science and Technology Library is hosting the New Book Acquisitions exhibition. Readers can find books by JINR researchers and educational and scientific literature in theoretical physics and programming.

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Announcements

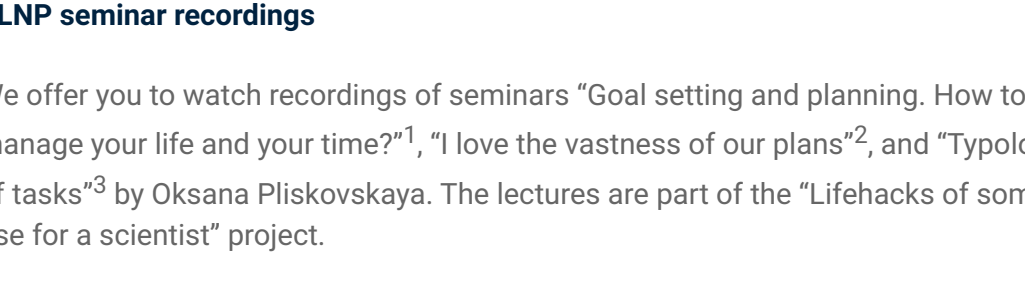
Ideas of Future: deadline extended

The deadline for submitting applications for the Ideas of the Future project competition has been extended until 24 March. Schoolchildren of the Moscow Region can participate in the competition.

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Excursion to Atom Pavilion №19 at VDNH

On 13 April, AYSS JINR invites everyone interested to visit the Russia's largest educational complex dedicated to the history of the nuclear age. You can register [via the link](#) until 11:59 PM on 4 April.



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Basketball tournament at JINR Nauka Stadium

On 24 March, AYSS JINR is to host a basketball tournament. If you want to take part in the competition, please contact the event organizer (matvevmas@jinr.ru).

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Media

IBR-2 Reactor turns 40!

We invite you to watch a documentary dedicated to the anniversary of the JINR IBR-2 Research Reactor. It documents the history of the development of the unique facility and results of the FLNP teams' work.

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JINR at International Russia Forum

On 16 March, AYSS JINR Chairman Vladimir Vladimirov Rozhkov conducted a tour of the Decade of Science and Technology exhibition at the International Russia Forum (pavilion 57, VDNH) for schoolchildren in Moscow.



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Filming at MLIT at JINR

Today, the RIAMO news agency has filmed a coverage at MLIT at JINR. Junior Researcher of the laboratory Dina Badreva has told the reporter about the peculiarities of obtaining a social mortgage for young JINR scientists.

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Diary of participant of Baikal-GVD expedition

The expedition to deploy the Baikal-GVD Deep Underwater Neutrino Telescope continues. Every day the project participants, DLNP JINR Senior Researcher Iain Shaibonov, writes notes about the progress of work on Lake Baikal. Please enjoy the expedition news and photos.

[DAY 27 →](#)

[DAY 28 →](#)

[DAY 29 →](#)

[DAY 30 →](#)

[DAY 31 →](#)

[DAY 32 →](#)

[DAY 33 →](#)

VBLHEP seminar recording

We offer you to watch a recording of the seminar "Study of the spin-dependent structure of the proton and deuteron in the SPD Experiment" by Alexey Guskov.

[WATCH →](#)

DLNP seminar recordings

We offer you to watch recordings of seminars "Goal setting and planning. How to manage your life and your time?" "I love the vastness of our lives!" and "Typology of tasks" by Oksana Pliskovskaya. The lectures are part of the "Lifehacks of some use for a scientist" project.

[WATCH¹ →](#)

[WATCH² →](#)

[WATCH³ →](#)

Video about past week JINR events

We offer you to watch a video review of highlights from the life of the Institute.

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JINR Weekly Newspaper issued

A new issue of the JINR Weekly Newspaper #10 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

JINR chess team wins Dubna championship

The JINR team took the first place at the city chess championship held at the JINR Nauka Stadium on 14 March. We congratulate the Institute's employees on the victory!

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JINR tennis achievements

On 17 March, participants from the Joint Institute took several prize-winning places at a table tennis tournament, which took place at the JINR Nauka Stadium. Congratulations to the participants from JINR on their successful performance!

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Successful performance of JINR team at darts competition

On 17 March, the team of the Laboratory of High Energy Physics took the first place at darts tournament, which was held at the JINR Nauka Stadium. Congratulations to the VBLHEP team!

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Results of kettlebell lifting tournament among women

The competitions took place on 17 March at the JINR Sports Club. JINR employees were among the winners and the best-performing participants. Among JINR teams, the leaders are LRB, FLNP, and BLTP teams. Congratulations to the athletes!

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JINR employees at rifle shooting tournament

On 14–16 March, the JINR Nauka Stadium hosted the rifle shooting tournament. The Institute's teams and individual participants took a number of winning places. We congratulate all the participants on their achievements!

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Upcoming Events

Governing Bodies

- **21 March.** Meeting of the JINR Finance Committee
- **22 – 23 March.** Session of the Committee of Plenipotentiaries of the Governments of the JINR Member States

Conferences

- **21 March.** AANI – JINR workshop
- **25 – 29 March.** Scientific School of Physics Teachers of Irkutsk and Tomsk Regions

Seminars

- **21 March.** 11:00 AM, BLNP. "Tetecogenous scintillator for detecting thermal neutrons based on lithium glass" by Yu. Zimin
- **21 March.** 2:30 PM, BLTP. "Identification of mature models. Higgs, Chandra, Tolkison-Zuber formula, and Dark operators" by Andrey Mironov
- **21 March.** 3:30 PM, FLNR. "Radiological research at FLNR" by Svetlana Kaslina. "Theoretical study of multinucleon transfer reactions" by Vyacheslav Saiko
- **21 March.** 3:00 PM, MLIT. "Implementation of small-angle scattering data processing using web and parallel tools of ROOT framework" by Tatiana Solovieva. "Review of software for automatic processing and analysis of data from Baikal-GVD Neutrino Observatory" by Alexei Soloviev
- **22 March.** 10:00 AM, VBLHEP. "Colliders" lecture series. Review by Valery Lebedev
- **22 March.** 11:30 AM, VBLHEP. "Experimental proposals for first phase of research on SPD Project at NICA Collider" by Yuri Uzikov
- **25 March.** 11:00 AM, BLTP. Journal Club. "Infinite order results for charged sectors of the Standard Model" by Alina Mukhaeva
- **25 March.** 11:00 AM, MLIT. "Development of an electronic logbooks based on WordPress" by Dmitry Shevya
- **27 March.** 11:00 AM, DLNP. ³He/⁴He dilution refrigerator device for obtaining low temperatures (T<0.2K) by Anton Dolzikhov

Culture

- **21 March – 21 April.** JINR Cultural Centre "Mir". "Enchanted by science" exhibition
- **21 March.** 7:00 PM. JINR Universal Public Library. Hairpin book club
- **22 March.** 5:30 PM. Museum of History of Science and Technology of JINR. "Historical and scientific seminar "From "Eastern" to "Joint". JINR as science diplomacy phenomenon" lecture
- **22 March.** 6:00 PM. JINR Universal Public Library. English speaking club
- **22 March.** 7:00 PM. JINR Scientists' Club. Violin concert
- **22 March.** 7:00 PM. JINR Universal Public Library. "JINR Legendary Machines. Synchrotron" lecture
- **23 March.** JINR International Conference Centre. JINR Cultural Centre "Mir". JINR Foundation Day
- **23 March.** 5:00 PM. JINR Universal Public Library. Additional schooling festival for adults
- **25 March.** 11:51 AM. JINR Cultural Centre "Mir". Art object opening ceremony
- **26 March.** 7:00 PM. JINR Universal Public Library. Genealogical club's meeting

Sports

- **23 March.** 12:30 PM. "Arhimedes" Swimming Pool. XXV JINR Sports Games. Swimming competitions
- **24 March.** 10:00 AM. JINR Nauka Stadium. Basketball tournament
- **24 March.** 10:00 AM. JINR Nauka Stadium. XXV JINR Sports Games. Basketball
- **24 March.** 11:00 AM. JINR Nauka Stadium. XXV JINR Sports Games. Chess
- **26 March.** 10:00 AM. JINR Nauka Stadium. XXV JINR Sports Games. Volleyball
- **26 March.** 10:30 AM. JINR Sports Club. XXV JINR Sports Games. Kettlebell lifting
- **26 March.** 7:00 PM. JINR Sports Club. XXV JINR Sports Games. Football

For Kids

- **23 March.** 1:00 PM. JINR Universal Public Library. Meeting of debating club for teenagers
- **23 March.** 5:00 PM. JINR Universal Public Library. Let's READers
- **23 March.** 6:00 PM. JINR Universal Public Library. "Fiction from the third site." club meeting

ALL JINR EVENTS →

