

JINR Newsletter #43, 13 November 2024

Dear colleagues and friends,

The JINR scientific life is in full swing: a meeting on strong interactions physics took place in China, results of the AYSS-2024 Youth Conference were summarised, registration for a number of events is open. In addition, the NICA Supervisory Board approved an updated plan for the implementation and launch of project's basic configuration.

The Institute contributes to science, education, and the socio-economic development of Dubna, the JINR residence city.

The latest issue of the JINR Newsletter also features a video greeting on the World Science Day, behind-the-scenes of Institute's scientists taking part in a game show, and much more!



Flagship Projects

NICA Supervisory Board approves megascience project launch plan at meeting in Russian Ministry of Science and Higher Education

The board met on 6 November to discuss the progress of the megascience project. As a result, the board members approved an updated work plan for the construction and launch of the basic configuration of the VBLHEP-JINR accelerator complex.



[READ MORE →](#)

Conferences

AYSS-2024: uniting young international researchers

From 28 October to 1 November, the Laboratory of Information Technologies hosted AYSS-2024, the 28th International Scientific Conference of Young Scientists and Specialists. More than 260 participants spent the week listening to lectures by leading JINR scientists and discussing their research projects.



[READ MORE →](#)

Strong interaction physics discussed in China

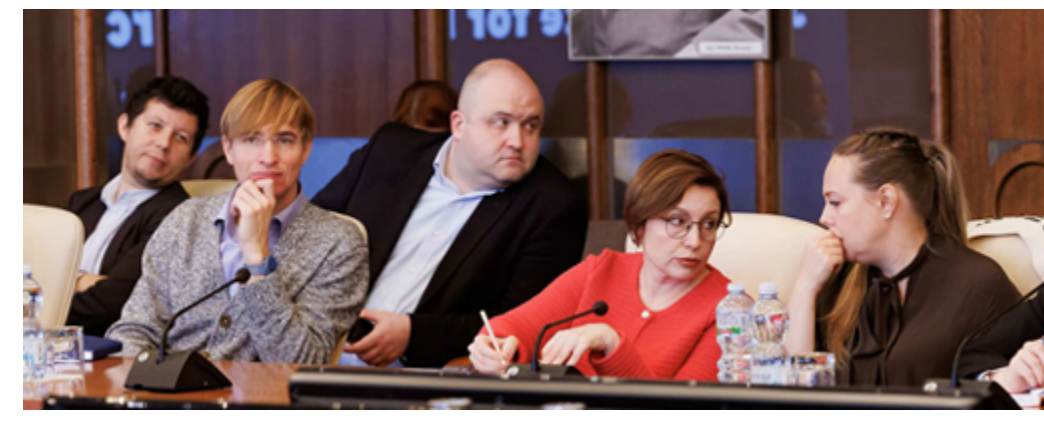
On 4–8 November, the 12th workshop on physics of strongly interacting systems took place in China. It was organized by the Institute of Theoretical Physics of the Chinese Academy of Sciences and BLTP at JINR and gathered more than 100 scientists representing the Joint Institute and international research centres.

[READ MORE →](#)

JINR Social

ASI meeting dedicated to Dubna development took place at JINR

On 7–8 November, representatives of the Agency for Strategic Initiatives (ASI) and JINR discussed ways to improve the city. The delegation visited cultural and sports facilities and urban amenities under development or planned for improvement. The meeting will result in two papers defining Dubna's spatial and socio-economic development strategy.



[READ MORE →](#)

Announcements

Registration for NICA-2024 workshop starts

The Workshop on Physics Performance Studies at NICA (NICA-2024) will take place on 25–27 November online. The participants will present results of theoretical and experimental research at BM@N and MPD. You can register via event's website.



[READ MORE →](#)

JINR AYSS grant competition

The Association of Young Scientists and Specialists invites young scientists and specialists of the JINR Laboratories, Offices, and Departments under 36. You can learn more about the application process [on the website](#). The deadline is 1 December.

[READ MORE →](#)

Call for applications. FLNP Young Scientists and Specialists' conference

The event is set to take place from 3 to 5 December. The conference will focus on reviewing applications for the Frank and Shapiro Prizes and AYSS JINR grants. You can find more details and apply via event's website until 30 November.

[READ MORE →](#)

Media

Borderless world of science

International employees of the Joint Institute for Nuclear Research joined their voices to congratulate everyone on World Science Day. Watch the video and let it spark your inspiration!



[WATCH →](#)

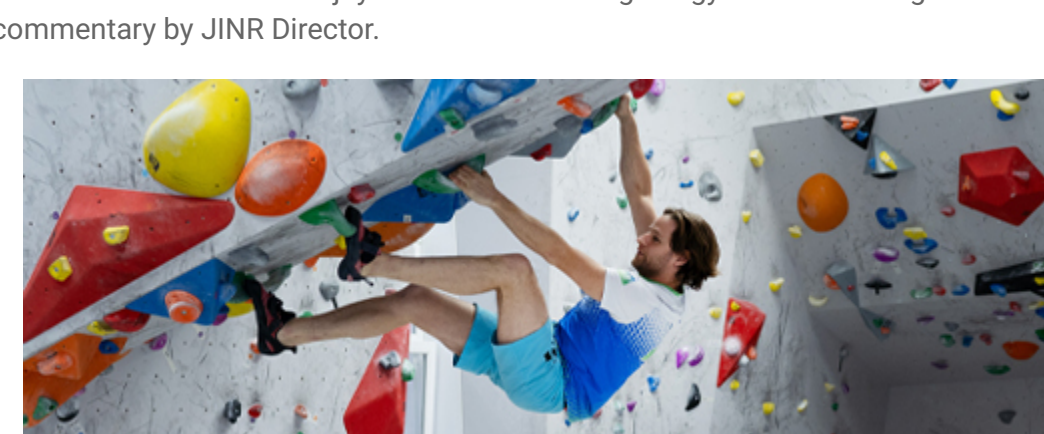
Yuri Oganesian gave lecture about aliens

Plekhanov Russian University of Economics hosted a lecture titled "New aliens in Mendeleev's Periodic Table" by Scientific Leader of the Laboratory of Nuclear Reactions at JINR Yuri Oganesian. The Academician presented the University team with two Mendeleev's Periodic Tables signed by Yuri Oganesian and Glenn Seaborg.

[READ MORE →](#)

Conquering new heights: new climbing gym opened in Dubna

The modern sports complex, available to not only JINR employees, but also all citizens, opened at 19 Joliot-Curie Street. Athletes now have access to several dozen different routes. Please enjoy a video showcasing the gym and featuring commentary by JINR Director.



[READ MORE →](#)

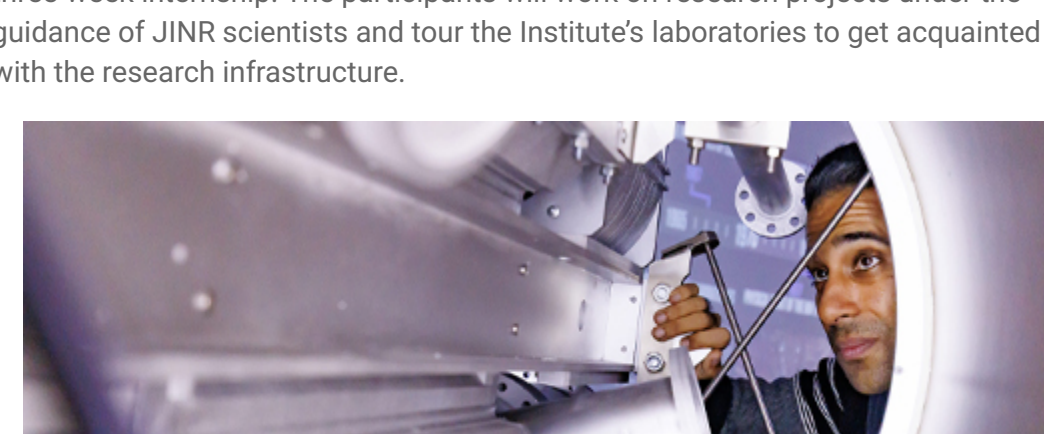
JINR team at Hundred to One TV game

The new episode features an exciting competition between teams of the Joint Institute and the Dubna University. Watch the game on the [VGTRK](#) media platform to find out who won.

[READ MORE →](#)

3rd stage of UC International student internship starts

On 6 November, 18 students from different Egypt universities came to JINR for a three-week internship. The participants will work on research projects under the guidance of JINR scientists and tour the institute's laboratories to get acquainted with the research infrastructure.



[READ MORE →](#)

A day in JINR life

On 7 November, the JINR Telegram channel published a post featuring an archive photograph of a reading room of the JINR Science and Technology Library taken exactly 55 years ago, on 7 November 1969. Please enjoy the photo and its description.

[READ MORE →](#)

Video about past week JINR events

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

[READ MORE →](#)

JINR Weekly Newspaper issued

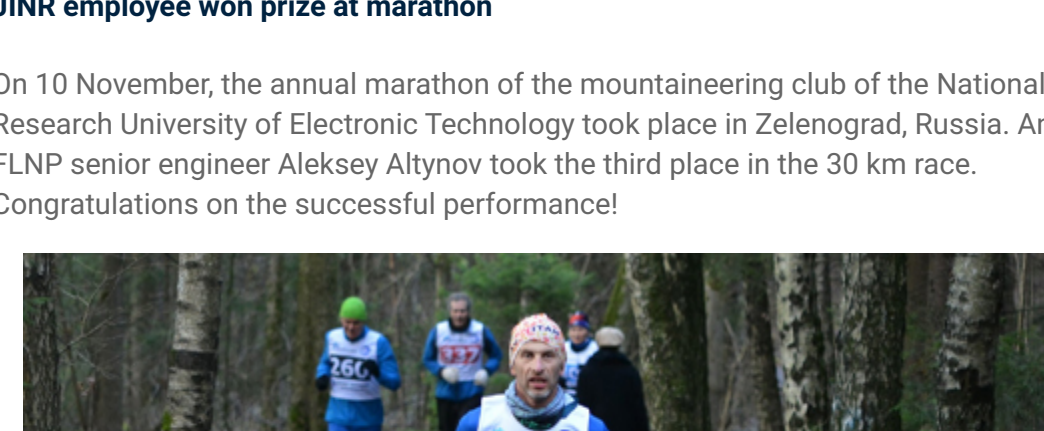
A new issue of the JINR Weekly Newspaper #43 has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

Sports

JINR employee won prize at marathon

On 10 November, the annual marathon of the mountaineering club of the National Research University of Electronic Technology took place in Zelenograd, Russia. An FLNP senior engineer Aleksey Altynov took the third place in the 30 km race. Congratulations on the successful performance!



[READ MORE →](#)

Upcoming Events

Governing Bodies

- **14 November.** [Meeting of the JINR Finance Committee.](#) Minsk, Belarus
- **15 – 16 November.** [Session of the Committee of Plenipotentiaries of the Governments of the JINR Member States.](#) Minsk, Belarus

Conferences

- **5 – 22 November.** [Stage 3 of International Student Practice in JINR Fields of Research for students from Egypt.](#) JINR, Dubna
- **18 – 21 November.** [Scientific School for Schoolchildren from Azerbaijan and Kazakhstan.](#) JINR, Dubna
- **18 – 22 November.** [25th JINR Training Course "JINR Expertise for Member States and Partner Countries" \(JEMS-25\).](#) JINR, Dubna
- **19 – 24 November.** [50 Years of Cold Fusion international conference.](#) Yerevan, Armenia

Seminars

- **14 November.** 11:00 AM, VBLHEP. "Creation of ROC chambers of the TPC/MPD Detector" by Oleg Fateev
- **14 November.** 11:00 AM, VBLHEP. "Luminosity measurement in the CMS Experiment" by Anton Babaev
- **14 November.** 11:00 AM, DLNP. "Development of information systems for the SPD Experiment" by Fedor Prokoshin
- **14 November.** 3:00 PM, MLIT. "Machine learning algorithms for the JINR MLIT MCC devices monitoring" by Ivan Kashunin
- **14 November.** 4:00 PM, BLTP. "High energy hadron elastic scattering from $\sqrt{s} = 3.6$ GeV up to $\sqrt{s} = 13$ TeV" by Oleg Selyugin
- **15 November.** 10:00 AM, VBLHEP. "Colliders" lecture series. "Beam cooling methods in synchrotrons. Part 5" by Valery Lebedev
- **15 November.** 11:00 AM, MLIT. "Numerical study of superconducting processes in Josephson structure models" by Maxim Bashashin
- **15 November.** 11:30 AM, VBLHEP. "Gravitational waves. Part 2" by Anton Baushev
- **15 November.** 12:30 PM, BLTP. "New physical effects induced by the gravitational field of objects moving at the speed of light" by Dmitry Fursov
- **18 November.** 11:00 AM, BLTP. Journal Club. "Self-interacting dark matter solves the final parsec problem of supermassive black hole mergers" by Chhita Ranjan Das
- **18 November.** 11:00 AM, FLNP. "Molecular dynamics studies on models of protein-surface interactions" by Kholmjirzo Kholmurodov
- **18 November.** 3:30 PM, BLTP. "Supermagnetism of atomic nuclei clusters and their ensembles" by Vladimir Kondratyev
- **20 November.** 11:00 AM, DLNP. "Mass separator for nuclear spectroscopy research and nuclear medicine" by Anvar Inoyatov
- **20 November.** 3:00 PM, MLIT. "Open information and educational environment to support fundamental and applied interdisciplinary research" by Nikita Sidorov

Culture

- **31 October – 24 November.** Daily from 1:00 to 7:00 PM (except Monday), JINR Mir Cultural Centre. [Keep Your Balance](#) photo exhibition
- **14 November.** 7:00 PM, JINR Universal Public Library. [Hairpin](#) book club
- **15 November.** 6:00 PM, JINR Universal Public Library. [English speaking club](#)
- **15 November.** 6:30 PM, JINR Universal Public Library. [Scrabooking club's meeting](#)
- **15 November.** 7:00 PM, JINR Universal Public Library. [Film screening](#)
- **16 November.** 6:00 PM, JINR Mir Cultural Centre. [Comedy performance](#)

For Kids

- **16 November.** 5:00 PM, JINR Universal Public Library. [Let's READers](#)
- **17 November.** 6:30 PM, [Museum of History of Science and Technology of JINR.](#) [Intellectual game for schoolchildren](#)

Sports

- **17 November.** 12:00 PM, JINR Nauka Stadium. [Rifle shooting competition](#)

[ALL JINR EVENTS →](#)