

JINR Newsletter #51, 30 December 2023

Dear colleagues and friends,

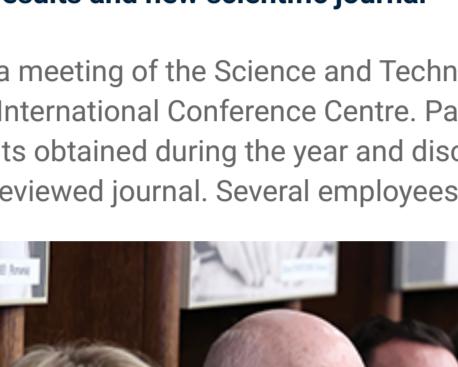
The Joint Institute for Nuclear Research bids farewell to the passing year with bright events: Laboratory of High Energy Physics at JINR celebrated its 70th anniversary, the results of the Institute's work were concluded at STC JINR, the scientists of the Institute received prestigious awards.

We truly believe that 2024 will bring the Joint Institute even more scientific successes, inspiration, and new friends all over the world!

New Year's greetings of the JINR Director, cooperation news, and a rich Media section are waiting for you in this year's final issue of the JINR Newsletter.

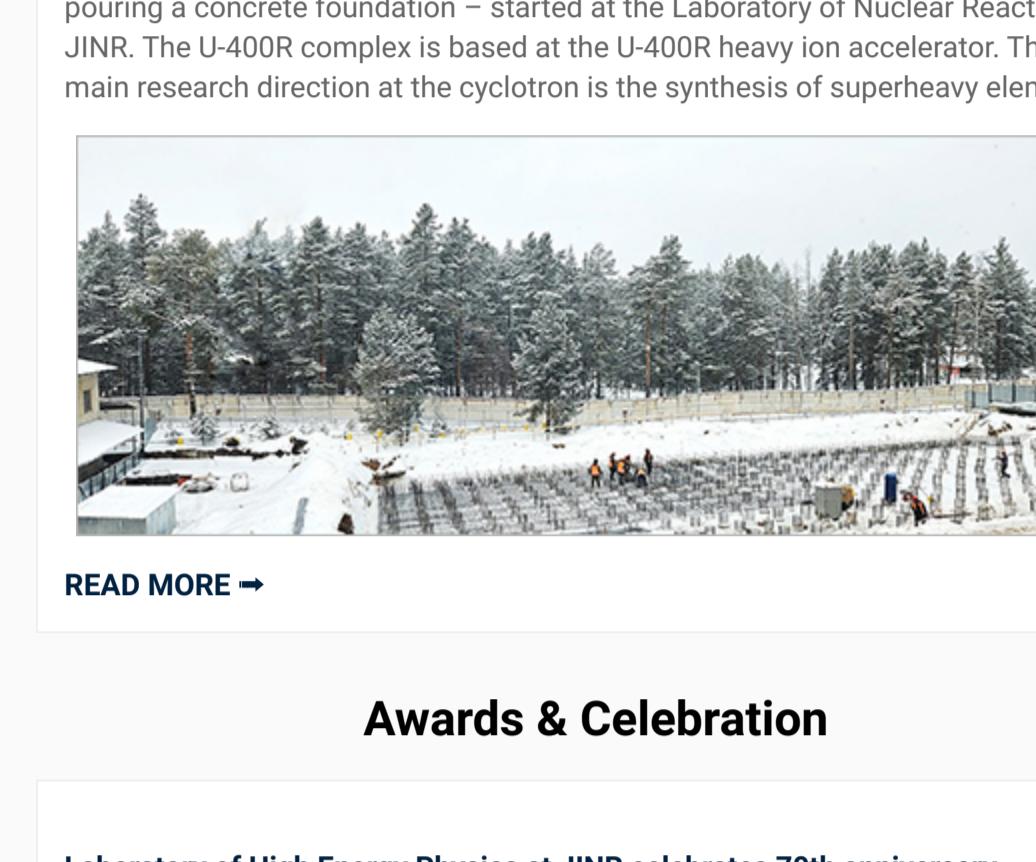
Happy New Year!

JINR Press Office



New Year

New Year's greetings of JINR Director Grigory Trubnikov

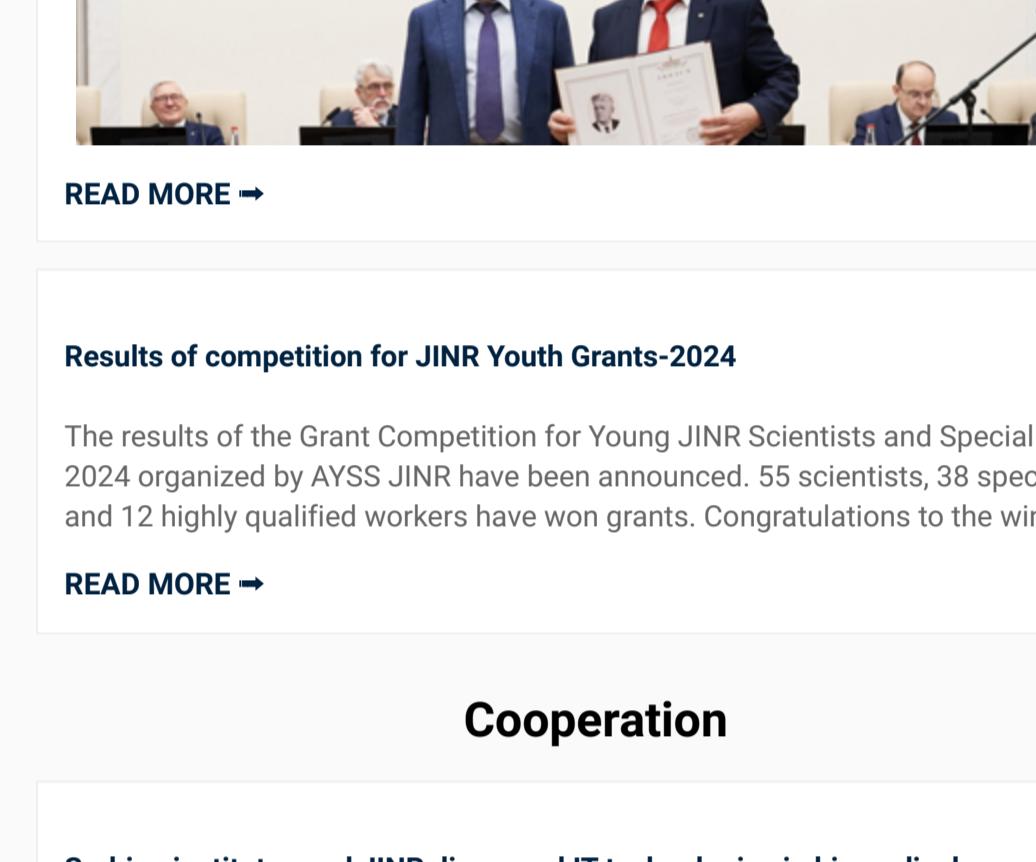


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Advisory Bodies

STC JINR: year's results and new scientific journal

On 25 December, a meeting of the Science and Technology Council of JINR took place at the JINR International Conference Centre. Participants of the event reviewed the results obtained during the year and discussed the creation of the JINR online peer-reviewed journal. Several employees received municipal awards.

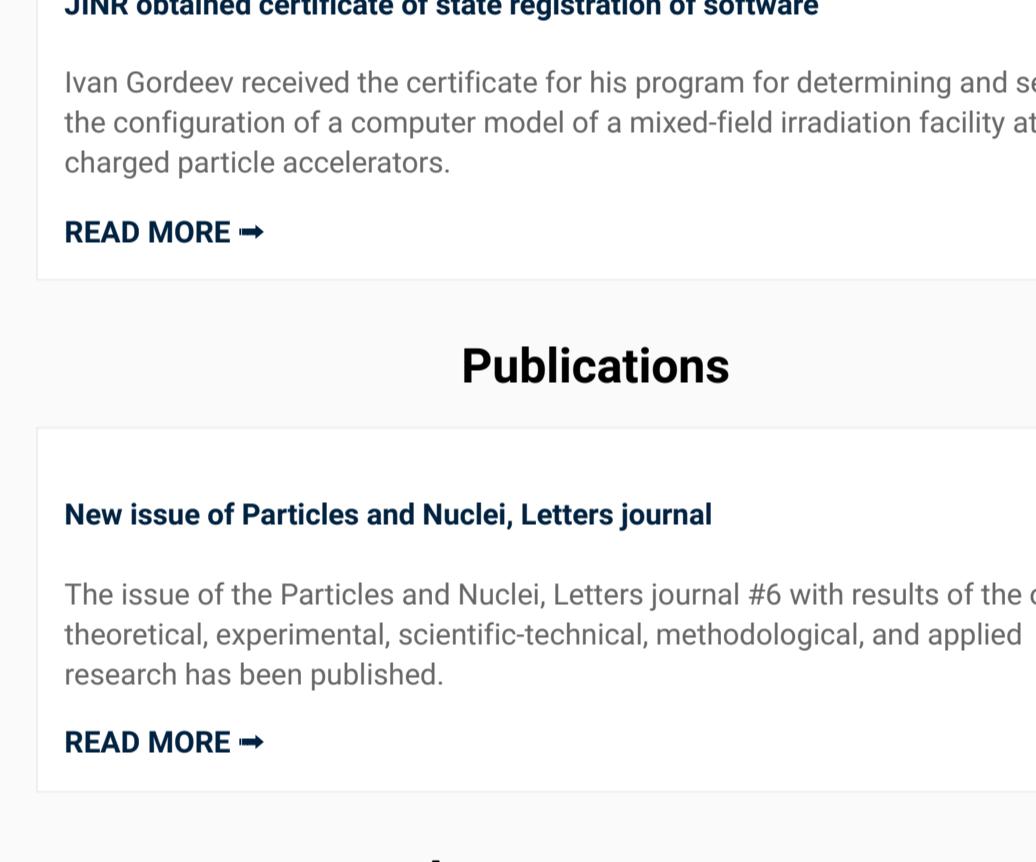


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Scientific Infrastructure

Next construction stage of U-400R experimental hall starts

On 21 December, the next construction stage of the U-400R experimental hall – pouring a concrete foundation – started at the Laboratory of Nuclear Reactions at JINR. The U-400R complex is based at the U-400R heavy ion accelerator. The main research direction at the cyclotron is the synthesis of superheavy elements.



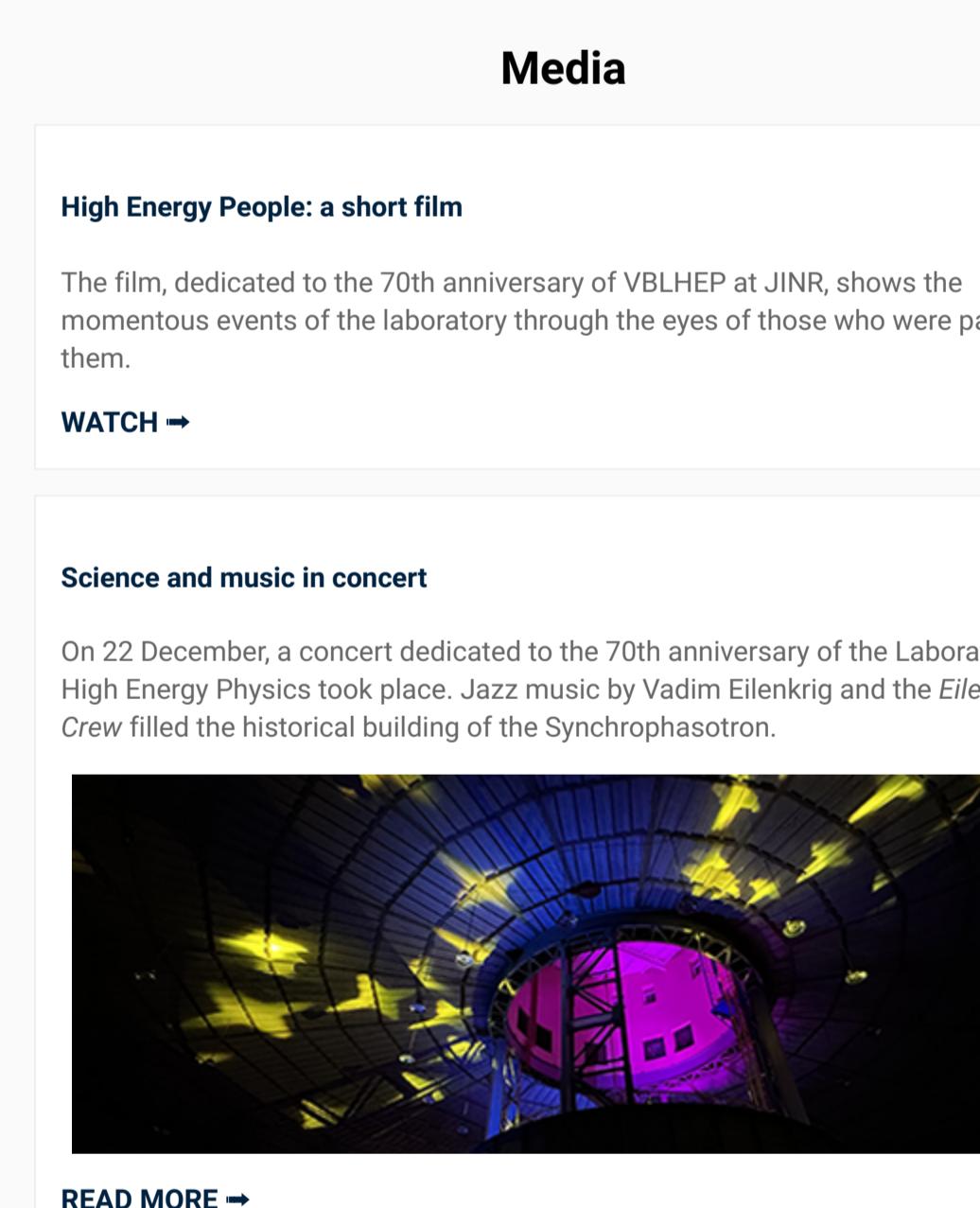
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Awards & Celebration

Laboratory of High Energy Physics at JINR celebrates 70th anniversary

On 22 December, the JINR Cultural Centre "Mir" hosted a special seminar dedicated to the 70th anniversary of VBLHEP at JINR. As part of the event, the JINR Directorate, representatives of the JINR laboratories and the Dubna city administration congratulated employees of VBLHEP. In addition, several reports on the activity of the laboratory were presented.

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Results of competition for JINR Youth Grants-2024

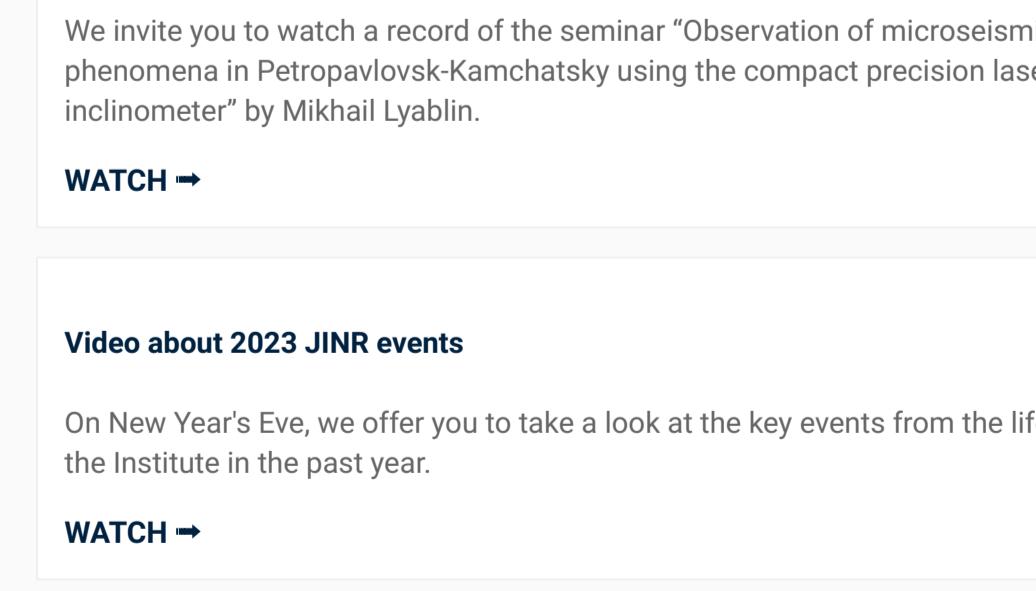
The results of the Grant Competition for Young JINR Scientists and Specialists for 2024 organized by AYSS JINR have been announced. 55 scientists, 38 specialists, and 12 highly qualified workers have won grants. Congratulations to the winners!

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Cooperation

Serbian institutes and JINR discussed IT technologies in biomedical research at joint seminar

On 22–24 November, a workshop "Modern information technologies in biology and medicine" took place online. The event was organized by MLIT and LRB JINR jointly with the Vinča Institute of Nuclear Sciences and the Serbian Institute of Histology and Embryology as part of the Serbia-JINR Cooperation Programme.



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Research

JINR obtained certificate of state registration of software

Ivan Gordeev received the certificate for his program for determining and setting the configuration of a computer model of a mixed-field irradiation facility at charged particle accelerators.

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Publications

New issue of Particles and Nuclei, Letters journal

The issue of the Particles and Nuclei, Letters journal #6 with results of the original theoretical, experimental, scientific-technical, methodological, and applied research has been published.

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Announcements

RAS competition for young scientists starts

The competition is aimed at supporting innovative scientific developments and research in medicine, chemical industry, electronics, energy, etc. A young scientist or a team of three scientists or students can participate in the competition. You can submit your applications until 1 March 2024.

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JINR Cultural Centre "Mir" looks for art director

The JINR Cultural Centre "Mir" is accepting applications for the position of an art director who is going to work jointly with the leaders of the Centre's art teams. The list of requirements for a candidate is available in the *Careers* section of the JINR website.

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Media

High Energy People: a short film

The film, dedicated to the 70th anniversary of VBLHEP at JINR, shows the momentous events of the laboratory through the eyes of those who were part of them.

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Science and music in concert

On 22 December, a concert dedicated to the 70th anniversary of the Laboratory of High Energy Physics took place. Jazz music by Vadim Elenkrieg and the *Elenkrieg Crew* filled the historical building of the Synchrophasotron.

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Celebrating jubilee of VBLHEP at JINR

On 22 December, the JINR Cultural Centre "Mir" hosted a special seminar dedicated to the 70th anniversary of the Laboratory of High Energy Physics at JINR. We invite you to watch the video about the event.

WATCH →

New Year ornaments of Dubna

Dubna has undergone a makeover: from fairy lights stretching along the streets to the Christmas tree balls at bus stops. And some of the most magical ornaments can be found in the Institute District of Dubna! We invite you to watch a video about the city's decorations creating a festive mood on New Year's Eve.

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Sights of Siberia

We offer you to take a look at lovely winter photos and read interesting articles of our information partner, the Unknown Siberia Telegram channel.

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DLNP seminar record

We invite you to watch a record of the seminar "Observation of microseismic phenomena in Petropavlovsk-Kamchatsky using the compact precision laser inclinometer" by Mikhail Tyablin.

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Video about 2023 JINR events

On New Year's Eve, we offer you to take a look at the key events from the life of the Institute in the past year.

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JINR Weekly Newspaper issued

A new issue of the JINR Weekly Newspaper #49-50 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

Results of kettlebell lifting competition

On 24 December, the JINR Sports Club hosted the Alexander Weinstein kettlebell lifting tournament. According to the results of the competition, the JINR athletes took the top places. We congratulate the winners and wish them further sporting success!

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Upcoming Events

Culture

• [4 December 2023 – 2 February 2024](#), daily from 2:00 PM to 6:00 PM (except Monday). JINR Scientists' Club, Olga Trifonova, Art exhibition

• [15 December 2023 – 14 January 2024](#), daily from 1:00 PM to 6:00 PM (except Monday). JINR Cultural Centre "Mir". "New Year's tree ART. Open world of creativity" exhibition

• [29 December 2023 – 27 January 2024](#), daily from 11:00 AM to 8:00 PM (except Sunday). Saturday from 12:00 PM to 6:00 PM. JINR Universal Public Library. Exhibition by Mikhail Korjov and Leonid Vecherovsky

• [2 January](#), 7:00 PM, JINR Cultural Centre "Mir". Jubilee concert of rock group

• [3 January](#), 12:00 PM, 4:00 PM, JINR Cultural Centre "Mir". "Snow Maiden" musical

• [5 January](#), 3:00 PM, JINR Cultural Centre "Mir". "Cinderella" ballet

• [8 January](#), 4:00 PM, JINR Cultural Centre "Mir". "Melodies of the world" Christmas concert

• [9 January](#), 7:00 PM, JINR Universal Public Library. Genealogy club's meeting

[ALL JINR EVENTS →](#)