



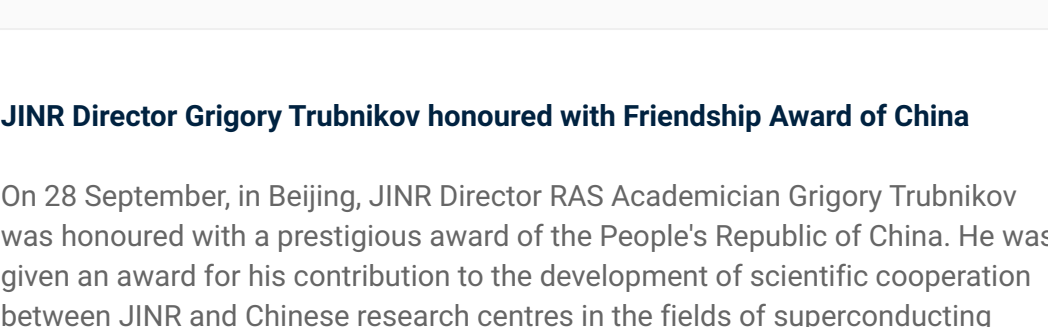
JINR Newsletter #38, 28 September 2023

Dear colleagues and friends,

Today, in Beijing, JINR Director RAS Academician Grigory Trubnikov has been honoured with the Friendship Award of the People's Republic of China for his contribution to the development of scientific cooperation between JINR and Chinese research centres in superconducting technologies, nuclear physics facilities, and nuclear medicine.

In addition to this bright news, there are a lot of interesting things in this issue of JINR Newsletter: namely the results of the 134th session of the JINR Scientific Council, scientific achievements and awards of JINR scientists, the International School "NICA Days 2023" in Belgrade, and the first winners of the OGANESSON Award. By the way, there is still a chance to win a unique edition about Yuri Oganessian until midday tomorrow. Let's read the JINR Newsletter!

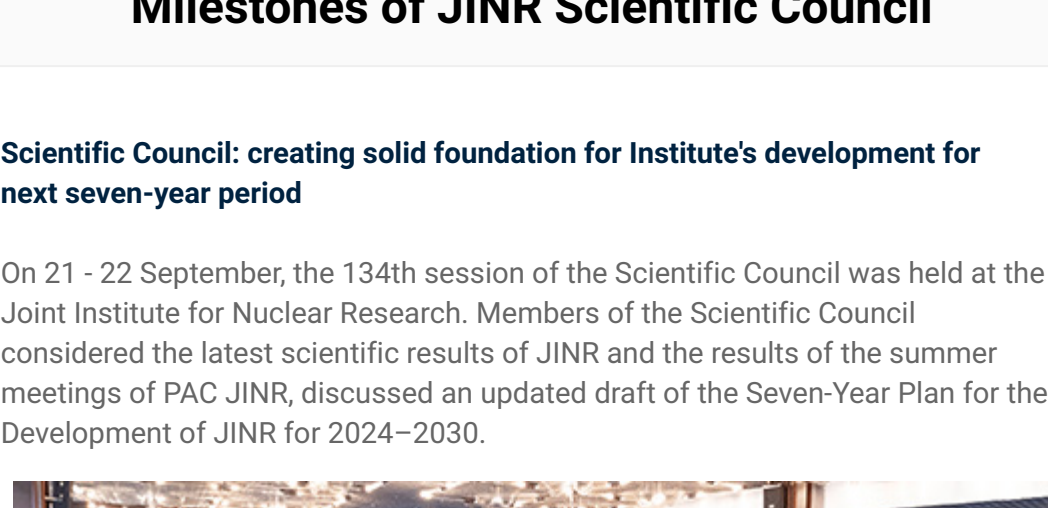
JINR Press Office



Breaking News

JINR Director Grigory Trubnikov honoured with Friendship Award of China

On 28 September, in Beijing, JINR Director RAS Academician Grigory Trubnikov was honoured with a prestigious award of the People's Republic of China. He was given an award for his contribution to the development of scientific cooperation between JINR and Chinese research centres in the fields of superconducting technologies, nuclear physics facilities, and nuclear medicine.

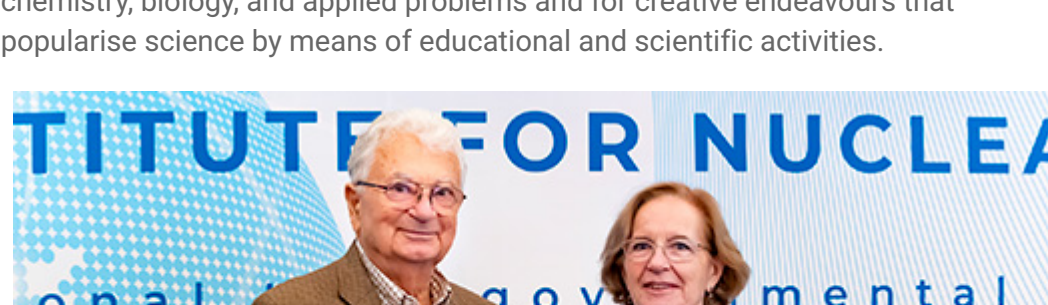


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Milestones of JINR Scientific Council

Scientific Council: creating solid foundation for Institute's development for next seven-year period

On 21 - 22 September, the 134th session of the Scientific Council was held at the Joint Institute for Nuclear Research. Members of the Scientific Council considered the latest scientific results of JINR and the results of the summer meetings of PAC-JINR, discussed an updated draft of the Seven-Year Plan for the Development of JINR for 2024-2030.

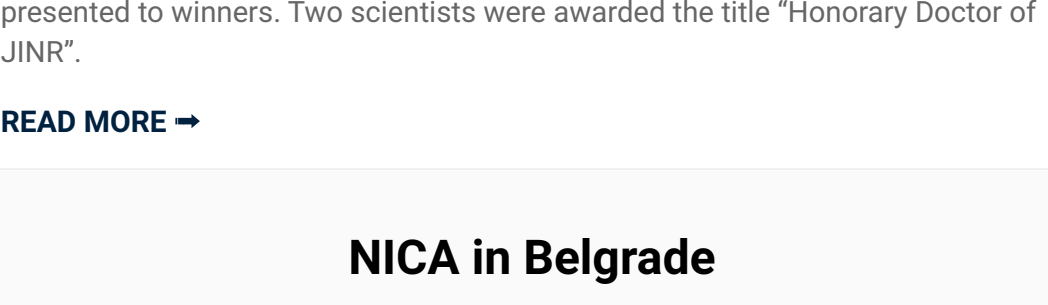


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First laureates of OGANESSON Award announced

At the 134th session of the Scientific Council, the first winners of the OGANESSON Prize have been announced. The OGANESSON Prize is awarded for significant achievements in theoretical and experimental research in physics, chemistry, biology, and applied problems and for creative endeavours that popularise science by means of educational and scientific activities.



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JINR Scientific Council honoured scientists' achievements

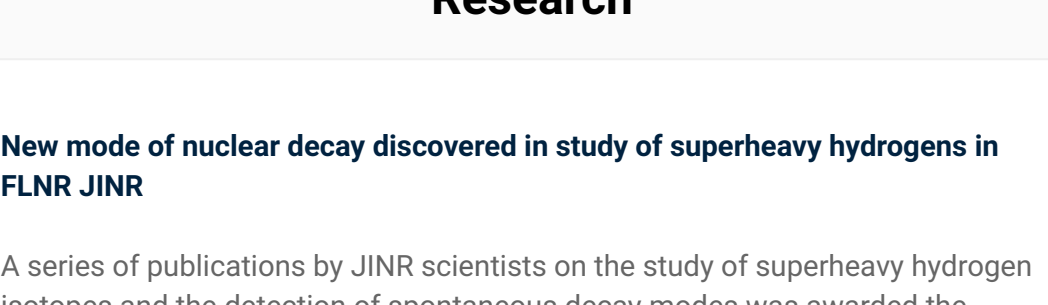
At the 134th session of the JINR Scientific Council, the N. N. Bogoliubov Prize and the diplomas of the 2022 JINR Prize for the best research works have been presented to winners. Two scientists were awarded the title "Honorary Doctor of JINR".

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NICA in Belgrade

"NICA Days 2023" - unique chance for students and postgraduates to join NICA Project

On 2 - 3 October, the International School "NICA Days 2023" will take place at the Vinča Institute of Nuclear Sciences in Belgrade, Serbia. The school is for undergraduates and postgraduates interested in the physics of collisions of relativistic heavy ions, as well as the development and production of detectors and equipment for megascience experiments.



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12th Collaboration Meeting of MPD Experiment at NICA Facility

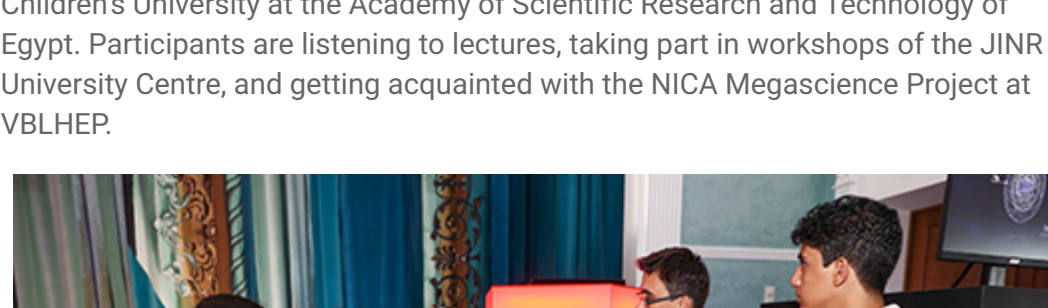
From 4 to 6 October, the 12th Collaboration Meeting of the MPD Experiment at the NICA Facility will be held in Belgrade, Serbia. The event is co-organized by the Joint Institute for Nuclear Research together with the Vinča Institute of Nuclear Sciences.

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Research

New mode of nuclear decay discovered in study of superheavy hydrogens in FLNR JINR

A series of publications by JINR scientists on the study of superheavy hydrogen isotopes and the detection of spontaneous decay modes was awarded the Second Prize under the 2022 JINR Awards.



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Research on photoproduction of vector mesons in ALICE experiment

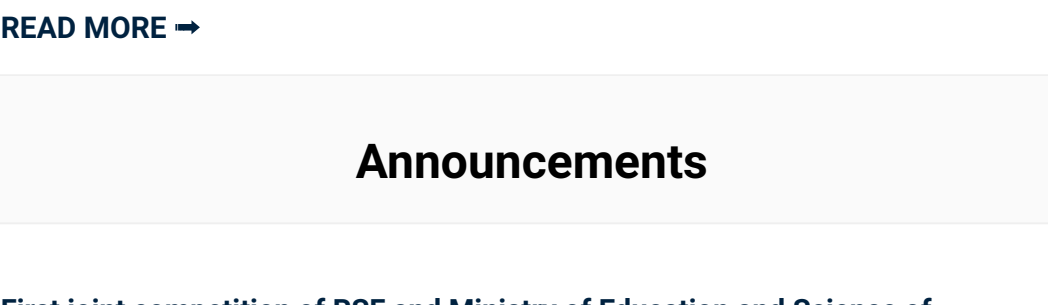
Scientists of the Laboratory of High Energy Physics at JINR took an active part in the research of the processes of vector meson production in the ALICE experiment at CERN. This month, scientists presented preliminary results at the QuarkMatter 2023 conference (Houston, USA).

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Education

JINR Science School for students from Egypt started

On 25 - 30 September, JINR is hosting the third Science School for students of the Children's University at the Academy of Scientific Research and Technology of Egypt. Participants are listening to lectures, taking part in workshops of the JINR University Centre, and getting acquainted with the NICA Megascience Project at VBLHEP.



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Awards

JINR scientist received RAS prize

Alexander Malakhov, Head of the Scientific and Experimental Department of Heavy Ion Physics of VBLHEP at JINR, was awarded the Cherenkov Prize of the Russian Academy of Sciences for a cycle of research in relativistic nuclear physics carried out at JINR and foreign centres.

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JINR scientist won prize at RuPAC'23 conference

Congratulations to Andrey Protasov, a young FLNR specialist, on a well-deserved prize at the RuPAC'23 conference for his report "The results of four years of operation of the basic facility of the Factory of Superheavy Elements, the DC-280 cyclotron". We wish Andrey further productive work!

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Announcements

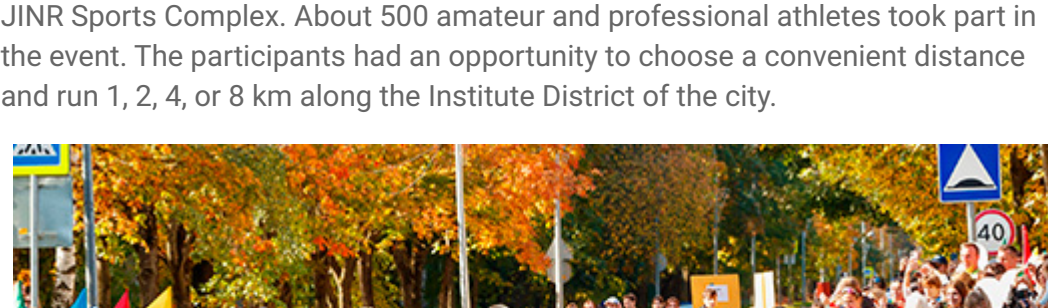
First joint competition of RSF and Ministry of Education and Science of Mongolia

The Russian Science Foundation announces an open public competition together with the Ministry of Education and Science of Mongolia to carry out scientific research in 2024 - 2026. Projects of international scientific teams, each of which consists of Russian and foreign scientific teams, can take part in the competition.

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Science Through the Looking Glass events

JINR employees will hold the Science Through the Looking Glass events for Dubna residents at the Mayak Shopping Centre. Participants will observe physics and chemistry experiments, participate in a robotics workshop, take a virtual quest, quiz, and much more! The event will take place on 29 September - 1 October, from 10:00 AM to 10:00 PM.



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Sign up for Occupational Burnout training

We invite you to take part in the training titled "Occupational burnout: prevention and overcoming", which will be conducted by a psychologist Oksana Pliiskovskaya. Classes will be held from 13 October once every two weeks, on Fridays, at 11:00 AM. The number of participants is limited, so if you wish to participate please write to dubovik@jinr.ru.

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Our Forest. Plant Your Tree

AYSS JINR invites everyone interested to take part in the "Our Forest. Plant Your Tree" event! The event will take place on 30 September next to Tyapkin Peak. There are plans to plant more than 2,000 young pine seedlings. This is a small effort that will help in greening our city. Let's create a green future together for us and future generations!

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Sports

Track and field run in memory of Vladimir Veksler

The 54th track and field run in the memory of Vladimir Veksler took place in Dubna. The event was organized by VBLHEP JINR, the city administration, and the JINR Sports Complex. About 500 amateur and professional athletes took part in the event. The participants had an opportunity to choose a convenient distance and run 1, 2, 4, or 8 km along the Institute District of the city.



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JINR employees won prizes in swimming competition

The 1st international swimming competition took place on Sakhalin, and JINR employees took part in it. Svetlana Smirnova won gold in the 200 m breaststroke and became a silver medalist in the 200 m freestyle. Svetlana Gikal won bronze in the 50 m freestyle.

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JINR Sports Club's renovation

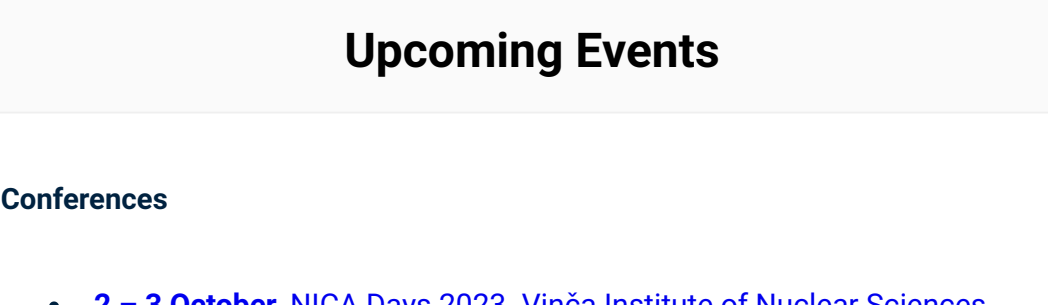
Electricians, plumbing workers are finishing their work. Work on setting up fire protection systems and video surveillance is coming to an end. This week, the laying of the sports surface begins in a big hall.

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Media

Giveaway

The JINR Telegram channel is giving away a unique copy of the book-album "Academician Yuri Oganessian: A Portrait Written by the Epoch" with the autograph of the outstanding scientist! To enter the giveaway, you just need to be subscribed to the JINR Telegram channel! The results will be announced on 29 September, at 12:00 PM (MSK).



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Video about past week JINR events

We offer you to watch a video review of recent events from the life of the Institute and Dubna.

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JINR scientist in NTV programme

We kindly invite you to watch the programme "We and science. Science and we" of the NTV TV channel. VBLHEP JINR Deputy Head of the Department for Scientific Work Anatoly Sidorin took part in an interesting discussion titled "Will scientists create a perpetual motion machine in 10 years?"

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Documentary about Dmitry Blokhintsev

The Russia Culture TV Channel has issued a documentary about a great scientist and the first JINR Director Dmitry Blokhintsev.

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Record of lecture on modern demography

Everyone who could not come to the JINR Universal Library on 9 September for a lecture by a demographer Alexey Rakscha can watch it online! He spoke about modern demography, prospects of countries and regions.

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JINR Weekly Newspaper issued

A new issue of the JINR Weekly Newspaper #36 has been published. Please note that you can read an English version on the JINR newspaper's website.

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Upcoming Events

Conferences

- **2 - 3 October. NICA Days 2023. Vinča Institute of Nuclear Sciences, Belgrade, Serbia**
- **4 - 6 October. 12th Collaboration Meeting of the MPD Experiment at the NICA Facility, Vinča Institute of Nuclear Sciences, Belgrade, Serbia**

Seminars

- **2 October, 11:00 AM. BLTP Journal Club. "LK-99 isn't a superconductor - how science sleuths solved the mystery" by Pavel Maksimov**
- **3 October, 3:30 PM. FLNR. "Neutron-excess nuclei. Structures and transformations" by Yuri Oganessian**
- **5 October, 4:00 PM. BLTP. "Peccet-Cosm mechanism and axion interactions in the 3-3-1 model with Geometrical Inflation" by Hoang Ngoc Long**
- **5 October, 11:00 AM. Meeting of DLNP Dissertation Council. "Investigation of influence of changes in meteorological parameters on flux of cosmic muons using DANSS detector" by Edward I. Samigullin**

Culture

- **28 September, 7:00 PM. JINR Universal Public Library. Summer Reading List book club: discussing a book "Razor's Edge" by Ivan Yefremov**
- **29 September - 1 October. from 10:00 AM to 10:00 PM. Mayak Shopping Centre. Science Through the Looking Glass series of popular science events**
- **29 September, 6:00 PM. JINR Universal Public Library. English speaking club**
- **29 September, 6:00 PM. JINR Universal Public Library. JINR Cinema Club**
- **30 September, 6:00 PM. JINR Cultural Centre "Mir". Rock hits on Scottish bagpipes**
- **30 September, 6:00 PM. JINR Universal Public Library. Guttenberg's Smoking Room meeting**
- **3 October, 7:00 PM. JINR Cultural Centre "Mir". Lecture "Efficient Brain Work"**
- **3 October, 7:00 PM. JINR Universal Public Library. Genealogical club's meeting**
- **3 October - 5 November, daily from 1:00 to 7:00 PM (except Monday). JINR Cultural Centre "Mir". Exhibition of mosaics**

For Kids

- **30 September, 5:00 PM. JINR Universal Public Library. Let's READers**

Sports

- **30 September - 1 October, 10:00 AM. JINR Sports Club. Weightlifting tournament in memory of Yuri Maslombov**

[ALL JINR EVENTS →](#)