



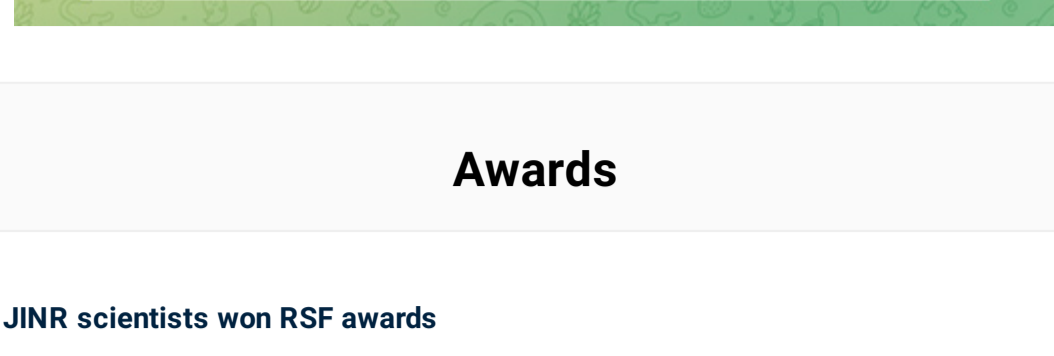
JINR Newsletter #14, 13 April 2023

Dear colleagues and friends,

Tomorrow, on 14 April, the Joint Institute for Nuclear Research is preparing to celebrate the 90th anniversary of our legendary Academician Yuri Oganessian, a man whose name has already become part of the Periodic Table.

Academician Oganessian always pays special attention to communication with young people. The work on attracting youth to science has become the central topic of this issue of the JINR Newsletter.

JINR Press Office



Awards

JINR scientists won RSF awards

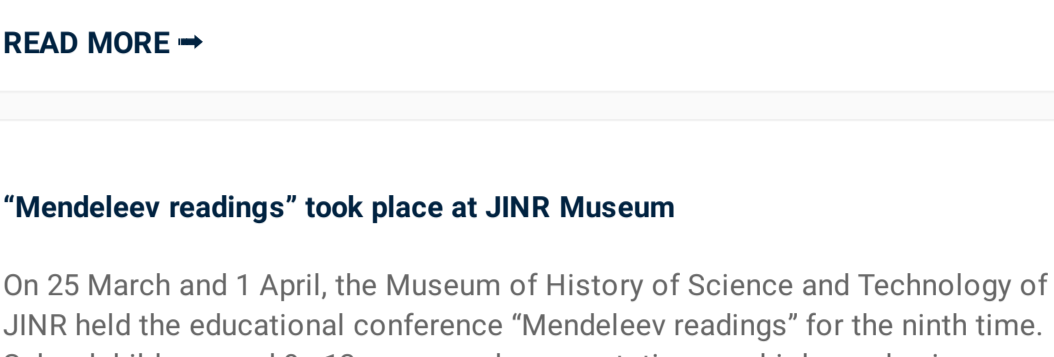
The Russian Science Foundation announced the results of the competition of projects of 2023 of individual scientific groups and the competition for the extension of projects of research groups funded since 2020. The following scientists of the Joint Institute are among their winners: Victor Braguta, Yuri Kopatch, and Vladimir Melezhih.

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Education

Horoshevskaya School' students visited Superheavy Element Factory

On 11 April, students from the Horoshevskaya School in Moscow visited JINR. Children had a chance to meet legendary Yuri Oganessian and ask him questions. Students also visited the Superheavy Element Factory and learned about the synthesis of new elements in the Mendeleev's Periodic Table.



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"Mendeleev readings" took place at JINR Museum

On 25 March and 1 April, the Museum of History of Science and Technology of JINR held the educational conference "Mendeleev readings" for the ninth time. Schoolchildren aged 9 - 13 years made presentations on biology, physics, chemistry, ecology, and mathematics. In addition to participants' presentations, the programme of the event included experiments and an intellectual brain ring.

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Physics teachers from Kamchatka at JINR Scientific School

On 3 - 7 April, JINR hosted a Scientific School for 14 physics teachers from Kamchatka Krai. The school programme included a visit to the JINR Basic Facilities exhibition, lectures by the Institute's staff, excursions to VBLHEP, FLNR, and MLIT. The participants of the School met with Academician Yuri Oganessian, who shared with the teachers his thoughts on the importance of science.

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Career Booster 2023 held at MIPT

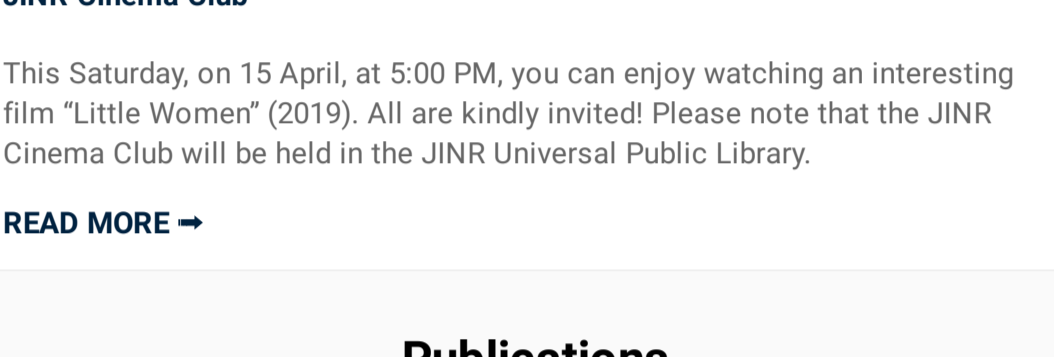
On 7 April, JINR took part in the event "Career Booster". It was held at the Moscow Institute of Physics and Technology in Dolgoprudny. The participation in this event allows JINR to introduce students of MIPT to the Institute, speak about laboratory projects, the latest news and achievements, as well as engage them in student programmes and answer their questions.

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JINR Community

Jackalope Club

The Jackalope Club organized by AYSS activists offers you to try unusual kinds of sport, namely soft swords-CHANBARA and light archery. You can practice at your own pace, and equipment will be provided for you. Trainings take place outside in warm weather on Tuesdays at 6:40 PM and Saturdays at 4:00 PM. You are welcome to join us!



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JINR Cinema Club

This Saturday, on 15 April, at 5:00 PM, you can enjoy watching an interesting film "Little Women" (2019). All are kindly invited! Please note that the JINR Cinema Club will be held in the JINR Universal Public Library.

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Publications

Search for new charged particle in mass interval 2–100 MeV

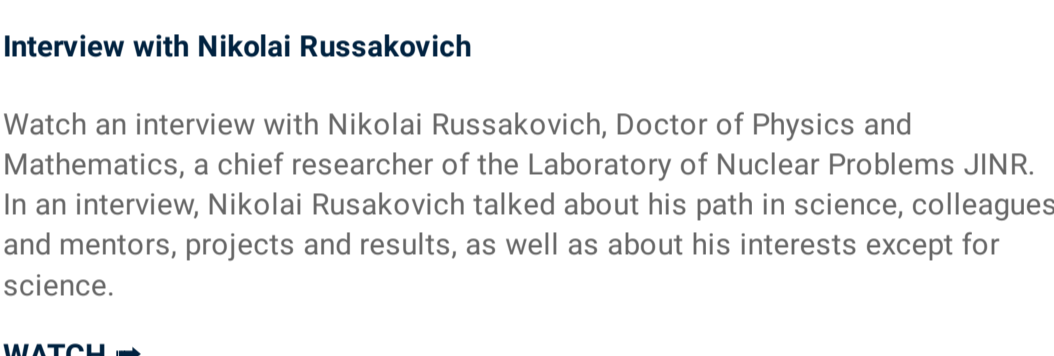
The JINR Publishing Department has released a preprint "Search for new charged particle in mass interval 2–100 MeV" P1-2022-62. The authors are Maya Anikina, Vladimir Nikitin, and Victor Rikhtvitskiy.

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Media

Coverage about NICA

The Vesti news programme has released a coverage about the NICA Collider. In the coverage, JINR scientists spoke about the structure and construction of the NICA Accelerator Complex.



[WATCH →](#)

Interview with Dmitry Naumov

On 5 April, the Kommersant newspaper published an article "In no case should fundamental research be pushed back". Dmitry Naumov, Doctor of Physics and Mathematics, Deputy Director for Scientific Work of the Laboratory of Nuclear Problems JINR, answered questions and spoke more about the Baikal Neutrino Telescope.

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Interview with Nikolai Russakovich

Watch an interview with Nikolai Russakovich, Doctor of Physics and Mathematics, a chief researcher of the Laboratory of Nuclear Problems JINR. In an interview, Nikolai Russakovich talked about his path in science, colleagues and mentors, projects and results, as well as about his interests except for science.

[WATCH →](#)

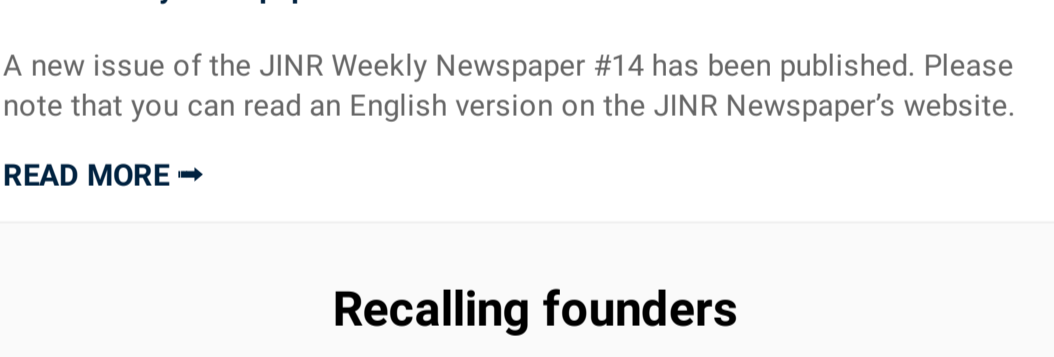
Horoshevskaya School' students at JINR

Watch a video about the visit of students from the Horoshevskaya School to JINR. Students visited the Superheavy Element Factory at the Laboratory of Nuclear Reactions and met with Academician Yuri Oganessian.

[WATCH →](#)

Baikal-GVD 2023: diaries

Participants completed the ice works and broke up the camp. The ceremony of putting the ropes into the ice holes took place.



[DAY 49: →](#)

Baikal-GVD 2023: video

Participants have done a lot of work and made significant progress. Watch the video about the results achieved in March 2023.

[WATCH →](#)

DLNP seminar recording

We kindly invite you to watch a recording of the DLNP seminar "Research and development of the polarised deuteron source for the Van de Graaf Accelerator" by Iliya Gapienko.

[WATCH →](#)

JINR Weekly Newspaper issued

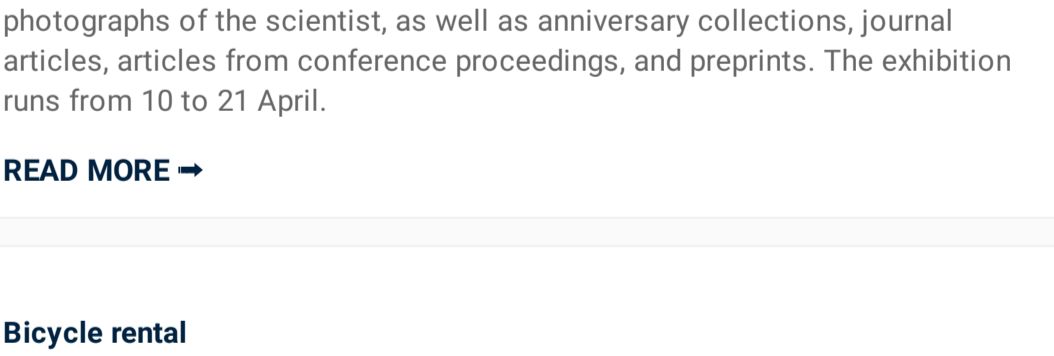
A new issue of the JINR Weekly Newspaper #14 has been published. Please note that you can read an English version of the JINR Newspaper's website.

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Recalling founders

Venedikt Dzhelepov

On 12 April, JINR celebrates the 110th anniversary of the birth of one of the founders of the Institute Venedikt Dzhelepov. He was an outstanding physicist, science organizer, and the first Director of the Laboratory of Nuclear Problems JINR.



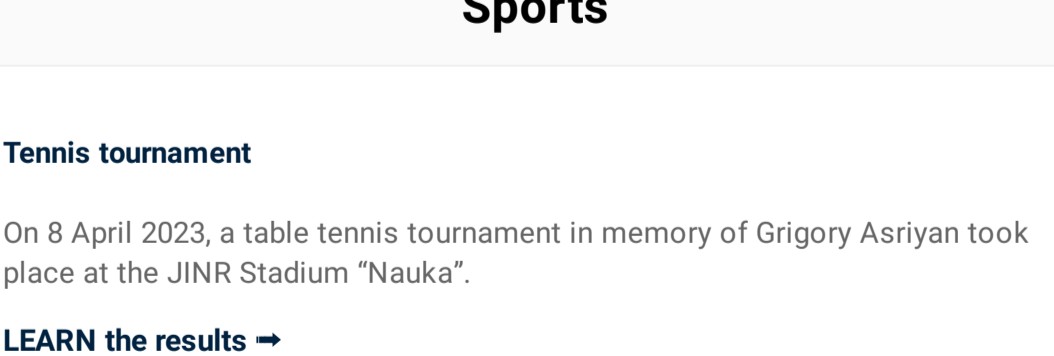
[READ MORE →](#)

[READ MORE on DLNP website →](#)

Announcements

Yuri Oganessian turns 90

On 14 April, a grand seminar dedicated to the 90th anniversary of FLNR JINR Scientific Leader, Academician Yuri Oganessian will take place at the Central Scientists' Club, in Moscow. We invite you to watch the live broadcast on the Scientific Russia portal. The live broadcast will start at 2:00 PM.



[WATCH a live broadcast →](#)

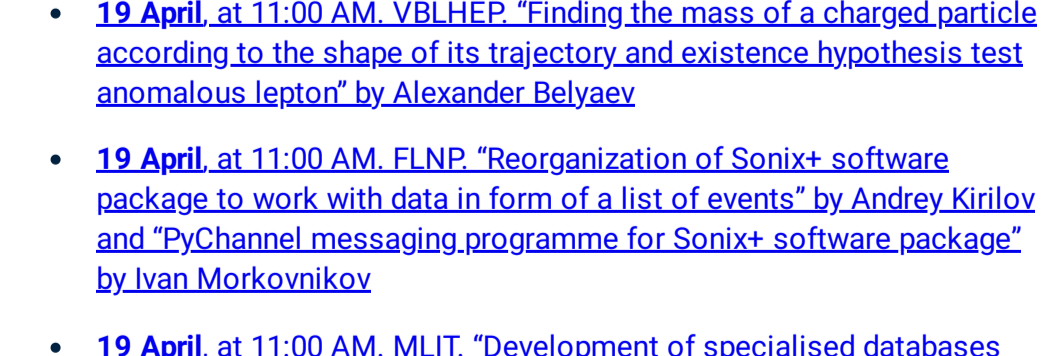
Exhibition dedicated to 110th anniversary of Venedikt Dzhelepov

The JINR Science and Technology Library invites everyone interested to the literature exhibition dedicated to the 110th anniversary of the first DLNP Director Venedikt Dzhelepov. At the exhibition, you can find interesting photographs of the scientist, as well as anniversary collections, journal articles, articles from conference proceedings, and preprints. The exhibition runs from 10 to 21 April.

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Bicycle rental

Bicycle rental began to work at the JINR Stadium "Nauka". The working hours: 11:00 AM - 20:00 PM. Tuesday is a day off. For any inquiries, please call +79852989987.



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Sports

Tennis tournament

On 8 April 2023, a table tennis tournament in memory of Grigory Asriyan took place at the JINR Stadium "Nauka".

[LEARN the results →](#)

Upcoming Events

Conferences

- [13 April. Conference "JINR Digital EcoSystem". Veksler and Baldin Laboratory of High Energy Physics JINR](#)
- [14 April. Grand seminar dedicated to the 90th anniversary of Academician Yu. Ts. Oganessian. Central Scientists' Club, Moscow](#)
- [18 - 19 April. JINR Spring School of Information Technologies. MLIT JINR](#)
- [18 - 20 April. 11th Collaboration Meeting of the MPD Experiment at the NICA Facility. Veksler and Baldin Laboratory of High Energy Physics JINR](#)

Seminars

- [13 April at 3:00 PM. DLNP Seminar on problems of accelerators](#)
- [13 April at 4:00 PM. BLTP "Recent GDF W-boson mass measurement and possible implications" by Nikolai Krasnikov](#)
- [14 April at 12:30 PM. BLTP "Quantization of gravity in formalism of extended phase space" by Tatyana Shestakova](#)
- [19 April at 11:00 AM. VBLHEP "Finding the mass of a charged particle according to the shape of its trajectory and existence hypothesis test anomalous lepton" by Alexander Belyaev](#)
- [19 April at 11:00 AM. FLNP "Reorganization of Sonix+ software package to work with data in form of a list of events" by Andrey Kirilov and "PyChannel messaging programme for Sonix+ software package" by Ivan Morkovnikov](#)
- [19 April at 11:00 AM. MLIT "Development of specialised databases and information systems for experimental high energy physics" by Evgeny Alexandrov](#)
- [20 April at 11:00 AM. VBLHEP "Comparison of experimental and computer simulated results of the temperature control of the ROC Chamber electronics for the TPC Detector of the MPD Experiment" by Gleb Meshcheryakov and Alexander Makarov](#)

Culture

- [31 March - 10 May, from Monday to Friday from 11:00 AM to 8:00 PM, and on Saturday from 12:00 PM to 6:00 PM. JINR Universal Public Library. Exhibition "Theatre's colour"](#)
- [13 April at 7:00 PM. JINR Universal Public Library. Book club "Summer Reading List": discussing a book "Suitcase" by Sergei Dovlatov](#)
- [14 April at 6:00 PM. JINR Universal Public Library. English speaking club](#)
- [14 April at 6:30 PM. JINR Universal Public Library. Dubna intellectual game's club](#)
- [15 April at 1:00 PM. JINR Universal Public Library. Lectures by Innovation Centre. "Popular geology"](#)
- [15 April at 5:00 PM. JINR Universal Public Library. JINR Cinema Club](#)
- [18 April at 7:00 PM. JINR Universal Public Library. Genealogical club's meeting](#)
- [20 April at 7:00 PM. JINR Universal Public Library. Book club "Hairpin": discussing a book "Fox Fords" by Anna Starobinets](#)

For Kids

- [15 April at 4:00 PM. JINR Universal Public Library. Meetings "Engineering" and "Let's READers"](#)

[ALL JINR EVENTS →](#)