

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #23, 1 September 2022

Dear colleagues and friends,

Today, the whole of Dubna is celebrating the Knowledge Day. First grade pupils are excitedly entering a new stage of life, and high school students are already thinking about the future. The Institute also builds its own plans. Representatives of the JINR Directorate have given interviews in which have commented on the preparation of the JINR Seven-Year Plan for the Development of JINR for 2024 – 2030. China is one of JINR's strategic partners, cooperation with which has recently been discussed in Moscow.

This week is filled with holidays and memorable dates. The JINR Member States, the Republic of Uzbekistan and the Socialist Republic of Vietnam, celebrate their Independence Days on 1 and 2 September respectively. 25 years ago, on 31 August 1997, the International Union of Pure and Applied Chemistry (IUPAC) decided to name chemical element 105 of the Mendelev Periodic Table dubnium.

The work of the JINR Qualification Committee for awarding scientific degrees, a new podcast with a scientist of the Institute, a new path in the territory of the JINR Hotel "Dubna", as well as new books and publications – read about all this in the new issue of the JINR Newsletter.

JINR Press Office



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Building a new Seven-Year Plan

The Institute is actively preparing a new Seven-Year Plan for the Development of JINR for 2024 - 2030. Representatives of the JINR Directorate have given interviews in which have commented on the progress and features of this process.

JINR Director Grigory Trubnikov

"In the next Seven-Year Plan, we are not going to launch a new large-scale megascience project, such as, for instance, NICA, but deliver the main resources to the reliable, sustainable operation of all our basic facilities and the arrangement of conditions for attracting new personnel to the Institute."



FULL TEXT of the interview ➡

JINR Scientific Leader Victor Matveev

“In addition to members of our international Scientific Council and scientists from JINR Member States, prominent scientists from all over the world are working on the development of the JINR Long-Term Development Strategy programme. This community is the colour of European and world science.”



FULL TEXT of the interview ➡

JINR Chief Scientific Secretary Sergey Nedelko

“During a year and a half, personnel costs at the Institute have increased markedly. In addition to the issue of salaries, a block of interrelated social problems is being solved. Many long-planned but unrealised activities are currently included in the Institute's life.”



FULL TEXT of the interview ➡

Cooperation

JINR-China: new horizons of cooperation

On 30 August 2022, a JINR delegation took part in the 26th meeting of the Sub-commission for Scientific and Technical Cooperation of the Russian-Chinese Commission for the Preparation of Regular Meetings with Heads of Governments. Director of the Joint Institute Grigory Trubnikov addressed the event.



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Academic degrees

Results of half-year work of JINR Dissertation Councils

Since 2019, the Joint Institute has been exercising the right to award scientific degrees independently. A special JINR Qualification Committee has been established for this purpose. The work of the JINR Dissertation Councils is carried out publicly. Its leadership shares the results of the commission's work during the first half of 2022.

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Publications

JINR Publishing Department released new preprint

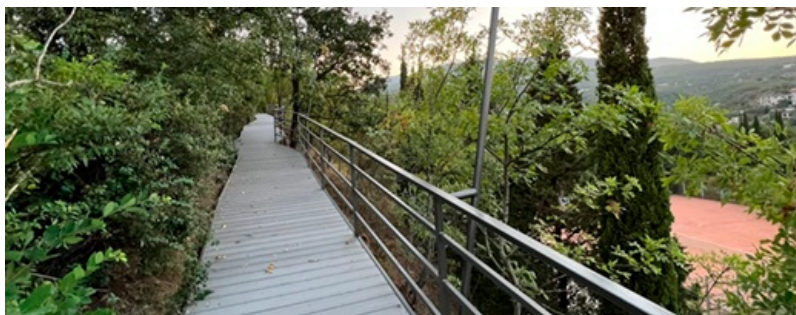
"Thermodynamic characteristics of particles produced in π^-C interactions at 40 GeV/c as a function of the cumulative number and the van der Waals equation of state" E1-2022-22. The authors are M. Sovd et al.

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Announcements

JINR Hotel "Dubna" constructed new path

Before the beginning of the autumn season, a wonderful path has been opened in the territory of the JINR Hotel "Dubna".



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Track and field cross country

We invite all interested JINR employees to take part in the track and field cross country at the stage of the Dubna City Championship among physical culture teams. The number of participants is unlimited. To apply, please call or write +7 (916) 651 72 32 on Whatsapp.

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What to read?

We offer you a new book exhibition in the Science and Technology Library of JINR.

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Media

Why are there matter and antimatter at the same time?

A new podcast with Mark Shirchenko.



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JINR Weekly Newspaper issued

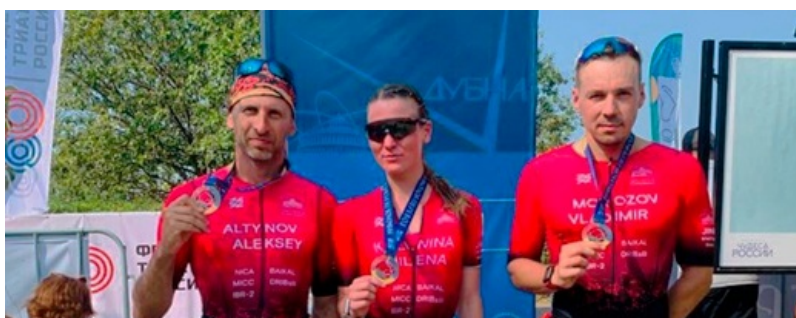
New issue of the JINR Weekly Newspaper #33 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

Nikolov Perevoz triathlon

On 27 August, JINR employees Yury Malyshkin (DLNP), Aleksey Altynov (FLNP), Vladimir Morozov (VBLHEP), Milena Kalinina (Directorate), Alexander Sohatsky (FLNR), Alexander Podshibyakin (FLNR), Alexander Chernikov (FLNP) traditionally took part in the Nikolov Perevoz triathlon. Milena Kalinina took the second place in the category 0.75+20+5 km. Aleksey Altynov took the third place in the category 2+10 km. Alexander Podshibyakin in a team with Alexander Chernikov took the first place in the Olympic relay, and Alexander Sohatsky being part of the Mercury team took the third place.



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Alushta Alley of Heroes race

On 27 August, in Alushta, a coach of the Archimedes Swimming Pool of JINR and the Dubna Sports School Maria Alikina took part in the Alushta Alley of Heroes race dedicated to the Knowledge Day. In a 10 km race, Maria became the overall winner outrunning all women and men. She improved the track record by 16 seconds.

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Upcoming Events

Seminars

- **5 September 2022**, at 11:00 AM, BLTP, Blokhintsev Conference Hall (4th floor). BLTP Journal Club: “Cosmic dawn ended 200 million years later than we thought!” by Chitta Ranjan Das
- **5 September 2022**, at 4:00 PM, BLTP. “Thermal quantum correlations in a two-dimensional spin star model” by Mohammad Reza Pourkarimi
- **6 September 2022**, at 4:00 PM, BLTP. “Study of many-electron effects in nanoscale and crystalline objects by GW method” by Nikita Matsko

Culture

- **24 August - 18 September 2022**, at 7:00 PM. JINR Cultural Centre “Mir”. Art exhibition by Palette Creative Association of Dubna Artists
- **1 September 2022**, at 7:00 PM. JINR Universal Public Library. Book club “Summer Reading List”: discussing the book “The Ladies’ Delight” by Émile Zola
- **8 September 2022**, at 7:00 PM. JINR Universal Public Library. Meeting of the book club “Hairpin”: discussing the book “The Cazalet Chronicles” by Elizabeth Jane Howard

For Kids

- **1 September 2022**, at 5:00 PM. JINR Cultural Centre “Mir”. To the Knowledge Day: “Lessons of Kindness”

ALL JINR EVENTS ➡

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