For Press <u>News</u> **Events**

JINR Newsletter #32, 27 August 2025

Dear colleagues and friends, JINR Director Grigory Trubnikov visited China as part of a delegation headed by Russian Minister of Science and Higher Education Valery Falkov. At top of the agenda was scientific and technical cooperation, particularly in megascience projects. Emphasis was placed on the contribution of Chinese scientists to the NICA Project, yet another example of successful collaboration with researchers from various countries.

The JUNO Experiment began taking data, with the detector filled with 20 000 tonnes of liquid scintillator. The team includes 700 scientists from 17 countries. Among them are researchers of the Laboratory of Nuclear Problems at JINR. DLNP Deputy Director

Dmitry Naumov noted it was an honour to work alongside Chinese colleagues. Read about the Lomonosov Conference, the International Accelerator School, a new book about a secretary of Mikhail Meshcheryakov, Venedikt Dzhelepov, and Bruno Pontecorvo, and much more in the recent issue of the JINR Newsletter.



Cooperation

Grigory Trubnikov visited China

The JINR Director, together with other Russian representatives, met with the Minister of Science and Technology of the People's Republic of China Yin Hejun, toured the Experimental Advanced Superconducting Tokamak, and visited the MSU-BIT



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Conferences

Particle physics discussed at Lomonosov Conference at Moscow State

University The 22nd Lomonosov Conference on Elementary Particle Physics, organized with the support of the Joint Institute for Nuclear Research, took place from 21 to 27 August. About 400 specialists in theoretical and experimental physics from 32 countries

attended the event. READ MORE →

Research

JUNO Experiment begins taking data

With 20 000 tonnes of liquid scintillator under a 700-metre-high mountain, along with more than 700 scientists from 17 countries, work began on determining the neutrino



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Education

Results of 37th Interregional Computer School

This year, the school brought together 64 participants, with 30 representing Kamchatka Krai, Primorye, North Ossetia, and Rostov Oblast. The final meeting took place in the JINR Universal Public Library, where the participants presented the results of five research and engineering design projects. READ MORE →

JINR linear accelerator school started in Moscow Region

From 24 to 29 August, the International Accelerator School: Linear Accelerators is taking place in Verbilki Village, Russia. Young scientists and specialists are listening to lectures by leading experts in the physics and technology of charged particle accelerators and applying the acquired knowledge in practical classes and project activities.

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Books

New Book Acquisitions exhibition in S&T Library

Until 12 September, the JINR Science and Technology Library is hosting the New Book Acquisitions exhibition. Visitors can find publications by JINR employees, textbooks on physics and mathematics, popular science books, and more.



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Review of Particles and Nuclei, Letters journal, #4 2025

The JINR Publishing Department has issued the fourth part of this year's volume of the "Physics of Elementary Particles and Atomic Nuclei, Letters" journal that includes articles with the results of theoretical, experimental, scientific and technical, methodical, and applied research. You are welcome to get acquainted with Issue #4 on the JINR website.

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Media

Book about secretary of Meshcheryakov, Dzhelepov, and Pontecorvo

The Irina Grigorievna Pokrovskaya book, written by a DLNP chief researcher Vladimir Komarov, is available at the JINR Science and Technology Library.



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JINR employee in podcast

In 2000, physicists bet if they would find supersymmetric particles or not. And although the optimists lost the debate, string theory and the idea of supersymmetry have not disappeared. Edvard Musaev from the Laboratory of Theoretical Physics will discuss them in the Three Sigmas podcast by the N+1 project.

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Interview with Gennady Ososkov

Gennady Ososkov is the oldest employee of the Laboratory of Information Technologies, a chief researcher, who has been working at the Institute since 1961. In the interview, he will discuss the start of his scientific career at JINR, reminisce about his colleagues and the tasks they worked on.

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Anniversary of Vladimir Ananyev

25 August marked the 90th anniversary of the birth of Vladimir Dmitrievich Ananyev (1935 – 2017), one of the creators of the IBR-2. He supervised the reactor's commissioning, coordinated and headed the joint work of institutes and plants involved in the project, and made significant contributions to the facility's design.



A day in JINR history The JINR Telegram channel shared a new archival photo of the Institute. Take a look

at Nikolay Nikolayevich Bogoliubov on his birthday with his family – his wife Evgeniya Aleksandrovna Pirashkova and sons Pavel and Nikolay – taken 46 years ago, in August 1979. **READ MORE** →

Seminar recording We invite you to watch a recording of the seminar "Feasibility study and precision estimates for online polarimetry using inclusive π^0 in the SPD Experiment" by

Katherin Shtejer Diaz.

WATCH →

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper #31 has been published. Please note that you can read an English version on the JINR Newspaper's website. READ MORE →

Upcoming Events Training

<u>Russia</u> • 24–31 August, the 16th Actual Problems of Microworld Physics international school and conference. Minsk, the Republic of Belarus

24-29 August, International Accelerator School. Verbilki, Moscow Region,

Seminars

• <u>26-29 August</u>, Molecular and Materials Modelling 2025 school. Online on

• 1 September. 11:00 AM. BLTP Journal Club. "The Hercules-Corona

Borealis Great Wall: the largest structure in the Universe" by Chitta Ranjan <u>Das</u> Culture

- 13 August 10 September. Daily from 1:00 to 7:00 PM (except Monday). JINR Mir Cultural Centre. Photo exhibition dedicated to centenary of birth of Yuri Shcherbakov • 28 August. 6:00 PM. JINR Universal Public Library. English speaking club
- 28 August. 7:00 PM. JINR Universal Public Library. Summer Reading List
- 29 August. 6:00 PM. JINR Universal Public Library. JINR Cinema Club • 29 August. 6:30 PM. JINR Universal Public Library. "Unbiased view of
- <u>1 September</u>. 5:00 PM. JINR Mir Cultural Centre. Science Planet. Children's <u>event</u>
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South Africa" lecture

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