



## JINR Newsletter #33, 3 September 2025

Dear colleagues and friends,

During his visit to Minsk, Grigory Trubnikov met with the Plenipotentiary of the Government of Belarus at JINR Sergey Shlychkov and Chair of the Presidium of the National Academy of Sciences of Belarus Vladimir Karanik. The parties discussed prospects for the expansion of scientific cooperation, along with training provided for students and young scientists from Belarus at the Joint Institute.

On 1 September, the JINR Director gave a speech at Moscow State University, dedicated to the start of the academic year. He congratulated students, professors, and the University's leadership.

Read about other important news – such as the recent seminars by JINR employees who co-authored teaching learning materials for in-depth study of physics, a project aimed at providing opportunities for teachers to sharpen their skills – in the latest issue of the JINR Newsletter.



Telegram

@jinrofficial

## Cooperation

## JINR Director paid working visit to Belarus

During his visit to Minsk, Grigory Trubnikov held meetings with Plenipotentiary Representative of the Government of Belarus at JINR Sergey Shlychkov and Chair of the Presidium of the National Academy of Sciences of Belarus Vladimir Karanik. In addition, he took part in “The Actual Problems of Microworld Physics” conference.

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## Conferences

## The Actual Problems of Microworld Physics international school and conference took place in Minsk

The school's goals are the exchange of ideas and scientific results, along with the involvement of students and postgraduates in work on key research areas. This year, the event was dedicated to the 70th anniversary of the founding of the Joint Institute for Nuclear Research.

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## Education

## Grigory Trubnikov to students: believe in yourselves and use your time wisely

On 1 September, JINR Director took part in celebrations marking the start of the academic year at Moscow State University.

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## Authors of TLM for in-depth study of physics from JINR held seminars for teachers

JINR employees, co-authors of the new “Physics 7–9. Engineers of the Future” teaching learning materials, held three webinars attended by over a thousand physics teachers of Russia. JINR Professor Yuri Panebrattsev gave a talk on the TLM at the All-Russian Congress of Physics Teachers at the Sirius Educational Centre.

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## Announcements

## “The Universe! 14 billion years in a lecture”

On 6 September, at 7:00 PM, BLTP at JINR Director Dmitry Kazakov will talk about fundamental laws of the universe and mysteries of the dark matter at Bauman University. The event will take place as part of the *Territory of the Future. Moscow 2030* forum. The admission is free.

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## FLNP Prize competition starts

To participate, please send the application form and the published works (article or a series of articles in Russian or English) to the FLNP Scientific Secretary ([science.flnp@jinr.int](mailto:science.flnp@jinr.int)) by 1 October, 10:00 AM. One of the articles has to be published or accepted for publication no earlier than 1 October 2024.

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## Media

## 60 Years of MLIT

MLIT continues the jubilee series of archival photos, interviews, and stories about people and milestones that shaped the laboratory through the decades. This week you are welcome to learn about the origin of the LCTA. Stay tuned via the #ЛИИТ60 hashtag in the MLIT Telegram channel.

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## DLNP researcher in Q&amp;A on tardigrades

The Pro Cosmos project published an article entitled “What is a tardigrade and can it actually survive in space?”. A junior researcher at the DLNP JINR Sector of Molecular Genetics of the Cell Mikhail Zarubin answered frequently asked questions about these curious creatures.

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## JINR employee received award from Chinese Academy of Science

On 1 September, Head of the DLNP Scientific and Experimental Department of Elementary Particle Physics Maxim Gonchar was presented with the CAS International Cooperation Award.

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## September wallpapers for your devices

Our new wallpaper features a bust of Igor Kurchatov, an outstanding scientist and a pivotal figure in the development of Soviet nuclear physics. The monument is installed on the DLNP JINR site. The comic strip is about pursuing knowledge and passing it down to new generations.

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## Institute's anniversary video by JINR University Centre

If you are a JINR employee who can sing, play musical instruments, or dance, this is the time to show your talents in a music video! Please fill out the [form](#) [via the link](#) and try your luck at becoming a part of this project. Registration is available until 19 September.

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## A day in JINR history

The JINR Telegram channel shared a new archival photo of the Institute. Take a look at a BLTP JINR researcher Victor Pervushin and Hieromonk Longin from the Trinity Lavra of St. Sergius at the *Science. Philosophy. Religion* international symposium.

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## Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper, #32, has been published. Please note that you can read an English version on the JINR Newspaper's website.

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## Sports

## Institute's achievements in triathlon

A coach at the JINR Archimedes Swimming Pool Maria Alikina took first place at the Nikolov Perevoz triathlon in Dubna. She performed best in the sprint (750 m swim, 20 km bike ride, 5 km run) among 36 athletes. Congratulations!

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## JINR employee wins bronze in swimming competition

On 30 August, the final summer stage of the open water Swimcup Ruza 2025 took place. An FLNP employee Aleksey Altyinov completed the 10 km race in 3 hours and 7 minutes, taking third place among competitors of 40-49 years old. Congratulations to our colleague on his achievement!

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## Upcoming Events

## Training

- [7–13 September, scientific school for the students of the Children's University at the ASRT of Egypt, JINR, Dubna](#)

## Seminars

- [4 September, 11:00 AM, DLNP, “Research and design of the RF cavity for an 11 MeV superconducting cyclotron” by Wu Yue](#)
- [4 September, 11:30 AM, DLNP, “Conceptual design of the magnet system of an 11 MeV isochronous superconducting cyclotron for radioisotope production and its upgrade” by Zheng Panpan](#)
- [5 September, 3:00 PM, MLIT, “Processes with leptons and jets in PP and AA interactions at LHC” by Olga Kodolova](#)
- [9 September, 11:00 AM, MLIT, “Quantum algorithms in data analysis, control systems, and education” by Olga Ivantsova](#)

## 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](#)
- [4 September, 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [4 September, 7:00 PM, JINR Universal Public Library, Hairpin book club](#)
- [5 September, 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [5 September, 7:00 PM, JINR Scientists' Club, Karl Bryullov: Rome – Moscow – Petersburg lecture](#)
- [7 September, 12:00 PM, JINR Mir Cultural Centre's open day](#)
- [7 September, Trip by JINR Scientists' Club](#)

[ALL JINR EVENTS →](#)