

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #28, 6 October 2022

Dear colleagues and friends,

One of the highlights of last week was a meeting of JINR Director Grigory Trubnikov with President of the Republic of Kazakhstan Kassym-Jomart Tokayev, at which the development of nuclear science was discussed. The JINR Director also met with the Minister of Energy of Kazakhstan.

A regular session of the JINR Scientific Council was held, at which the draft of the new Seven-Year Plan for JINR Development was presented for the first time. Prominent representatives of Vietnam and Mexico took part in the session.

The NICA project is very active: a new commissioning cycle started, and participants of the SPD experiment gathered for the first time in-person for a collaboration meeting.

In the new issue of the JINR Newsletter you can learn about the benefits of neutrons for ecology, read a new interview with Academician Yuri Oganessian and learn about the next meeting of the JINR Cinema Club. By the way, there are lots of interesting things going on in Blokhinka, for example, stories about the Kalevala epic. And today until 8 PM there is a free piano for everyone to play in the Library.

JINR Press Office



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Breaking News

JINR Director met with President of Kazakhstan

On 30 September, Director of the Joint Institute Grigory Trubnikov took part in a meeting with President of the Republic of Kazakhstan Kassym-Jomart Tokayev aimed at discussing prospects for the development of nuclear science. Moreover, before the event, Grigory Trubnikov had a meeting with Minister of Energy of the Republic of Kazakhstan Bolat Akchulakov.



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At the JINR's Scientific Council

Scientific Council: stable work and ambitious long-term scientific development programme at JINR

The 132nd session of the Scientific Council was held on 29 - 30 September. Participants discussed the scientific results that have been achieved this year at the Institute's laboratories. JINR Director Grigory Trubnikov presented the draft of the new Seven-Year Plan for the Development of JINR for 2024 – 2030 for the first time.



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Interviews about Scientific Council

JINR Director Grigory Trubnikov spoke about how the members of the Scientific Council reacted to the new Seven-Year Plan, and Chairman of the 132 session Sergey Kilin commented on the session work.

[READ interview with Grigory Trubnikov →](#)

[READ interview with Sergey Kilin →](#)

JINR-Vietnam: a course to deepen ties

On 28 – 29 September 2022, a delegation from the Vietnam Academy of Science and Technology headed by its President Academician Chau Van Minh visited JINR. During the meeting, the parties discussed current issues of Vietnam's contribution to JINR. Staff training was chosen the main direction of cooperation development.



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JINR and Mexico strengthen academic exchange

On 30 September, within the 132nd session of the JINR Scientific Council, President of the Mexican Physical Society Dr Ana Maria Cetto met with the Directorate of the Joint Institute to discuss ways to expand contacts between JINR scientists and Mexican scientific and educational organizations. Dr Ana Maria Cetto shared her opinion on the Mexico's cooperation with JINR and participation in the 132nd session as an elected member of the Council.



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Conferences & Meetings

SPD Collaboration Meeting: results and plans

On 3 October, the 3rd meeting of the Collaboration of the SPD experiment at the NICA complex began at VBLHEP. Participants are discussing the current status of the project, the physical programme, as well as the development of detector systems, electronics, and data collection systems.



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21st meeting of RSA-JINR Joint Coordination Committee

On 12 September 2022, within the 28th International Conference on Nuclear Physics (INPC 2022) in Cape Town, the 21st meeting of the Joint Coordination Committee (JCC) on Cooperation of the Republic of South Africa with the Joint Institute for Nuclear Research was held. The central issue of the Committee was the discussion of the strategy for the development of cooperation. The opening of the JINR Information Centre in South Africa was discussed.

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JINR as one of participants of RUDN Space Week festival

JINR is represented at the second RUDN Space Week festival organized by the Peoples' Friendship University of Russia from 4 to 7 October. Chief Scientific Secretary of the Institute Sergey Nedelko spoke about JINR, its scientific activities and noted that the Institute was involved in space exploration.

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JINR participates in SEZ “Dubna” Conference

On 6 – 7 and 26 October, the partner of the Joint Institute the Dubna Special Economic Zone is hosting the XI All-Russian Scientific and Practical Conference “Principles and Mechanisms of Formation of the National Innovation System”, in which JINR is taking part. The Conference will raise issues of the development of Russian economic zones, the development and production of medical devices and medicines, chemical power sources.

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Research

4th commissioning run started at NICA complex

On 15 September, the regular cycle of the commissioning run started at the NICA Injection Complex. The main tasks of this commissioning cycle are the acceleration of heavy ions in the Linear Accelerator (HILAC), the Booster, the Nuclotron, the research on beam dynamics at all stages, the optimisation of operating modes, and extraction of accelerated beams for operation at the BM@N facility.



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Education

Science is interesting

The Joint Institute for Nuclear Research will take part in the largest educational project the All-Russian NAUKA 0+ Festival, which will welcome everyone from 7 to 9 October in Moscow. Please come, it is going to be cool!

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JINR Community

New AYSS seminar

AYSS invites to a new seminar at the JINR Scientists' Club! Inga Zinicovskaia will present a report “Neutrons in ecology”. What is neutron activation analysis? What are the principles of the method operation and advantages of the method? How is the neutron activation analysis used? Inga will answer these and other questions in her presentation on 6 October.



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What is Kalevala?

Why has the Kalevala epic been translated into 60 languages and is being read all over the world? What does the epic have in common with The Lord of the Rings? And how can Kalevala be useful and interesting to a modern person? On Saturday, 8 October, at 6:00 PM, Irina Rynkevich, an educator, journalist, and blogger, will speak about this at the JINR Universal Library.

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JINR Cinema Club

This Saturday, 8 October, you can enjoy watching the exciting film “They Shoot Horses, Don't They?” by Sydney Pollack. All are kindly invited!



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Sports

Swimming competitions

On 8 October, the swimming competitions of the “Dubna” sports school, first in this season, will be held in the Archimedes Swimming Pool of JINR. The programme includes two 50-meter races in any swimming style.



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Media

How did the 132nd session of the JINR Scientific Council pass?

JINR Director RAS Academician Grigory Trubnikov and Chairman of this session of the JINR Scientific Council Sergey Kilin commented on the results.

WATCH a video report →

About Nobel Prize and science with Yuri Oganessian

Argumenty i Fakty newspaper has published a new interview with a world-famous scientist, FLNR JINR Scientific Leader Yuri Oganessian. He shared his attitude towards the Nobel Prize and spoke about science research nowadays.



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JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #38 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

- [3 – 6 October 2022](#), SPD collaboration meeting. VBLHEP JINR, Dubna
- [10 – 14 October 2022](#), VII International Conference “Models in Quantum Field Theory” dedicated to the 82nd anniversary of professor Alexander Nikolaevich Vasiliev and 80th anniversary of professor Vladimir Dmitrievich Lyakhovsky. St. Petersburg
- [10 – 14 October 2022](#), III International Workshop “Lattice and Functional Techniques for QCD”. St. Petersburg

Seminars

- [6 October 2022](#), at 4:00 PM, JINR Scientists' Club. AYSS seminar series: “Neutrons in ecology” by Inga Zinicovskaia
- [7 October 2022](#), at 11:00 AM, BLTP. “Gluon anomaly in the dispersive approach and transition form factors of pseudoscalar mesons” by Sergey Khlebtsov
- [11 October 2022](#), at 11:00 AM, BLTP. “A survey of the isoscalar giant monopole resonance and analysis of its fine structure from medium to heavy mass nuclei at iThemba LABS” by A. Bahini
- [12 October 2022](#), at 11:00 AM, DLNP. “Investigation of optical properties of LYSO:Ce crystals within the RND programme of the calorimeter of the COMET experiment” by Elena Velicheva

Culture

- [From 28 September to 9 October 2022](#), daily from 1:00 to 7:00 PM (except Monday). JINR Cultural Centre “Mir”. Exhibition of miniature paintings by Anatoly Savelyev
- [6 October 2022](#), at 7:00 PM. JINR Universal Public Library. Meeting of the book club “Hairpin”: discussing the book “The woman in the white kimono” by Ana Johns
- [7 October 2022](#), at 7:00 PM. JINR Scientists’ Club. Lecture “Life and art of S. P. Diaghilev”
- [7 October 2022](#), at 7:00 PM. JINR Universal Public Library. Tournament “12 edges. Final”
- [8 October 2022](#), at 6:00 PM. JINR Universal Public Library. Meeting with popularizer of Kalevala epic
- [8 October 2022 2022](#), at 6:00 PM. JINR Scientists’ Club. JINR Cinema Club

For Kids

- [8 October 2022](#), at 5:00 PM. JINR Universal Public Library. Let’s READers

Sports

- [8 October 2022](#), at 1:30 PM. Archimedes Swimming Pool of JINR. Swimming competitions

ALL JINR EVENTS →

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