

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #27, 29 September 2022

Dear colleagues and friends,

This week in the JINR life is full of international events! The 132nd session of the Scientific Council, which has started today, is the most significant of them. The signing of the updated version of the Framework Agreement on Cooperation between JINR and IAEA was a bright event. The 35th meeting of the Council of the International Association of the Academy of Sciences is taking place with the participation of JINR representatives. JINR took part in the events in Serbia and South Africa, and also met online with colleagues from China. A large-scale international scientific Forum with the expanded JINR participation is being held in Kazakhstan these days. The JINR-Kazakhstan cooperation is celebrating its 30th anniversary this year.

In the new issue of the JINR Newsletter, you will read about the re-election of JINR Director Grigory Trubnikov a Member of the RAS Presidium, the current status of the MPD project at NICA, Yuri Oganessian's speech at the Conference in Italy, a table tennis tournament, and much more.

JINR Press Office



Breaking News

JINR and IAEA continue cooperation

On 27 September, an updated version of the Framework Agreement on Cooperation between JINR and the International Atomic Energy Agency (IAEA) was signed. According to the Agreement, JINR and IAEA are going to actively enhance cooperation and hold joint events for the sake of the interests of their Member States.



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JINR Director Grigory Trubnikov re-elected Member of RAS Presidium

On 22 September, as a result of the ballot voting held at the general meeting of members of the Russian Academy of Sciences, RAS governing bodies were elected. JINR Director Grigory Trubnikov was re-elected a Member of the RAS Presidium.



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At Forum in Kazakhstan

International Scientific Forum in Kazakhstan

On 26 September, the 4th International Scientific Forum “Nuclear Science and Technologies” started at the Institute of Nuclear Physics of the Ministry of Energy of the Republic of Kazakhstan, Almaty. This time, the annual event is dedicated to the 65th anniversary of the Institute of Nuclear Physics.



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Enhancement of JINR–Kazakhstan cooperation discussed at round table

On 27 September, a round table of JINR and the Institute of Nuclear Physics of the Ministry of Energy of the Republic of Kazakhstan was held on the sidelines of the 4th International Scientific Forum “Nuclear Science and Technologies” in Almaty, Kazakhstan. The event became a platform for discussing the achieved level of cooperation in a wide range of cooperation formats, as well as for discussing the prospects for the development of cooperation, primarily on large-scale research infrastructure, scientific activities, and staff training.

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Year of Basic Sciences for Sustainable Development

At Conference in Belgrade

From 19 to 22 September, the World Conference on Basic Sciences and Sustainable Development was held in Belgrade, Serbia. The event became one of the main events of the Year of Basic Sciences for Sustainable Development (IYBSSD 2022). A delegation of the Joint Institute, co-organizer of IYBSSD 2022, attended the Conference.



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Cooperation

JINR participated in meeting of Council of International Association of Academies of Sciences

The JINR delegation under the joint leadership of JINR Director Grigory Trubnikov and JINR Scientific Leader Victor Matveev is taking part in the 35th meeting of the Council of the International Association of Academies of Sciences (IAAS). Summing up results of the IAAS work for 2017 - 2022 was the main topic of the meeting. The integration of science in the Eurasian space is the key focus of the session.



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JINR-China: cooperation in superheavy element synthesis

On 15 September, a videoconference was held between the Laboratory of Nuclear Reactions JINR and the Institute of Modern Physics of the Chinese Academy of Sciences (Lanzhou). The meeting was dedicated to expanding cooperation between the two organizations in the field of synthesis and research on the properties of superheavy elements.



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21st meeting of RSA-JINR Joint Coordination Committee

On 12 September 2022, on the sidelines of 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.

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Research

About the current status of work at MPD

At VBLHEP JINR, the work continues on assembling the solenoid of the MPD Detector. One of the two main detectors at the NICA Accelerator Complex will be devoted to studying hot and dense baryonic matter in heavy ion collisions at the collider. This year, the MPD solenoid magnet connection to the control Dewar has been upgraded, the magnet correction coils have been assembled, and many other tasks have been completed.



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Education

Involve children in scientific inquiry

On 23 September, Director of the Specialised Educational Scientific Centre on Physics and Mathematics of Novosibirsk State University Liudmila Nekrasova made a fact-finding visit to the Joint Institute for Nuclear Research. Liudmila Nekrasova took a tour to the site of the NICA accelerator complex, visited the Physics and Mathematics Lyceum named after V. G. Kadyshesky and the exhibition “JINR Basic Facilities” at the Cultural Centre “Mir”.



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School was a success!

From 12 to 16 September, JINR hosted the Science School for Students of the Children’s University of the Egyptian Academy of Scientific Research and Technology. Organizers from Egypt are very pleased with results and plan to involve more children next year. Young science lovers from Egypt shared their impressions.

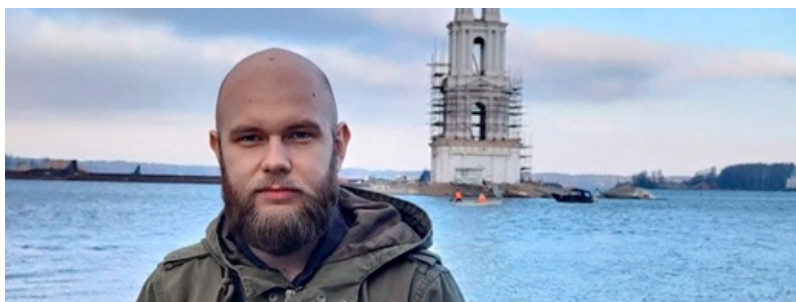


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JINR Community

AYSS invites to a new seminar

On 29 September, Nikita Kovrizhnykh will make a presentation “Synthesis of superheavy elements: in search for a stability island”.



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How to listen and understand jazz?

Blokhinka together with the Dubna Children's Music School is organizing a talk concert for the 100th anniversary of jazz in Russia. The event will take place on 29 September at 6:30 PM. All are welcome!

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Announcements

What to read?

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

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Sports

Weightlifting tournament

On 25 September, the 19th Weightlifting Tournament dedicated to the Honoured Coach of Russia Yu. V. Masloboev was held.



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MORE PHOTOS in VK group ➡

Track and field run in memory of Academician V. I. Veksler

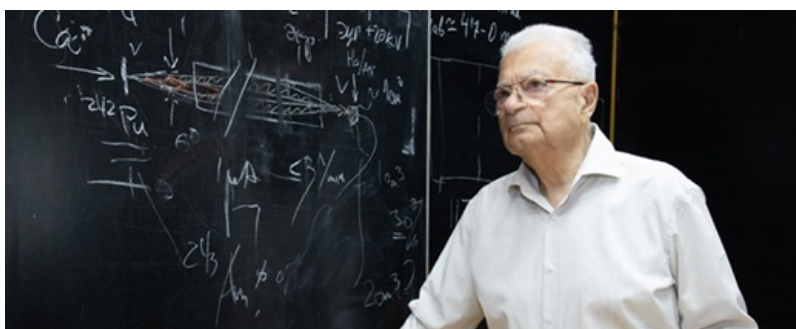
Watch the video about holding the traditional track and field run in memory of Academician V. I. Veksler on 25 September.

WATCH ➡

Media

Academician Oganessian's report at Conference in Italy

An online report on mass limits of nuclei and elements by FLNR JINR Scientific Leader Yuri Oganessian opened the programme of the 13th International Conference on Relativistic Effects in Heavy-Element Chemistry and Physics (REHE – 2020/2022).



LISTEN to report ➡

Record of AYSS seminar

We offer you a record of the lecture "The role of computing in scientific research" by Igor Pelevanyuk.

WATCH ➡

JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #37 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

- [29 – 30 September 2022](#), 132nd session of the JINR Scientific Council. JINR International Conference Hall, Dubna
- [3 – 6 October 2022](#), SPD collaboration meeting. VBLHEP JINR, Dubna

Seminars

- [29 September 2022](#), at 11:00 AM, VBLHEP. "The quality assurance test system for series assembly of STS modules for the BM@N experiment" by Aleksei Sheremetev and "Construction management information system at JINR" by Alejandro Rodríguez Álvarez
- [29 September 2022](#), at 3:00 PM, MLIT. "On the trajectories of dynamical systems lying on algebraic hypersurfaces" by Mikhail Malykh
- [29 September 2022](#), at 4:00 PM, JINR Scientists' Club. AYSS seminar series: "Synthesis of superheavy elements: in search for the stability island" by Nikita Kovrizhnykh
- [3 October 2022](#), at 11:00 AM, MLIT. "Biomedical application of technologies based on an ultrashort laser" by Gohar Tsakanova
- [3 October 2022](#), at 3:30 PM, BLTP. "Superoperator approach to the theory of hot nuclei and astrophysical applications" by Alan A. Dzhiyev
- [4 October 2022](#), at 4:00 PM, BLTP. "Anomalous Josephson effect" by Yury Shukrinov
- [5 October 2022](#), at 11:00 AM, FLNP. "Precise method for measuring soil carbon" by Artem Zontikov

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
- [29 September 2022](#), at 6:30 PM. JINR Universal Public Library. Jazz talk concert
- [30 September 2022](#), at 7:00 PM. JINR Scientists' Club. Jazz concert
- [30 September 2022](#), at 7:00 PM. JINR Universal Public Library. Book club "Summer Reading List": discussing the book "Surely You're Joking, Mr. Feynman!" by Richard Feynman
- [1 October 2022](#), at 7:00 PM. JINR Cultural Centre "Mir". Klavier Band concert
- [2 October 2022](#), at 3:00 PM. JINR Universal Public Library. Lecture "Brain in terms of science"
- [2 October 2022](#), at 11:00 AM. JINR Museum of History of Science and Technology. Classes about magnetism in JINR Museum
- [3 October 2022](#), at 7:00 PM. JINR Cultural Centre "Mir". World Classical Music Concert
- [4 October 2022](#), at 7:00 PM. JINR Universal Public Library. Genealogical club's meeting
- [5 October 2022](#), at 7:00 PM. JINR Cultural Centre "Mir". Performance "Hypnosis session for a married couple"
- [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

For Kids

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

Sports

- [1 October 2022, at 10:00 AM. JINR Stadium "Nauka". Table tennis tournament in memory of A. V. Federov](#)

ALL JINR EVENTS →

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