

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #5, 21 April 2022

Dear colleagues and friends!

22 April marks the International Earth Day. This is a good reason to recall that the planet is our common home and humanity is a big united family. The unity of countries for gaining and spreading new knowledge about our universe was the reason to establish our Institute. It's the JINR's mission.

The activities of these days covered in this issue of the Newsletter involve a wide geography of the JINR Member States on several continents of the Earth. A constellation of remarkable Institute's events has already taken place in Armenia. A large meeting on particle physics and nuclear physics will be held on 24 - 30 April in Kazakhstan. On 27 April, we celebrate the Freedom Day of the Republic of South Africa. On 23 April, Doors Open Day of the JINR's partner the Lyceum named after V. G. Kadyshesky will be held in Dubna, Russia.

What is more, warm weather in Dubna is a great reason to walk along the embankment for a long time and spend a fresh Saturday evening at Biblionight in Blokhinka. Enjoy reading!

JINR Press Office



Telegram
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Information of JINR Directorate on current situation

Please, get acquainted with an official information of the Directorate of the Joint Institute for Nuclear Research on the current situation. Latest update: 21 April 2022.

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Breaking News

Prime Minister of Armenia met with JINR leaders

On 15 April, JINR Director RAS Academician Grigory Trubnikov and Scientific Leader of the Laboratory of Nuclear Reactions RAS Academician Yuri Oganessian were welcomed by Nikol Pashinyan, Prime Minister of Armenia, the JINR Member State.



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Advisory Bodies

JINR Science and Technology Council was held

On 20 April, the International Conference Hall hosted the meeting of the JINR Science and Technology Council. JINR Director Grigory Trubnikov spoke about the current state of affairs and events. The second part of the meeting was devoted to medical issues: new opportunities of the Medical Unit No. 9 and work of the Dubna City Hospital.

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Visits

Meeting at National Academy of Sciences of Armenia

On 14 April, in Yerevan, the JINR delegation took part in the extended meeting of the Presidium of the National Academy of Sciences of the Republic of Armenia. The parties discussed the development of bilateral cooperation and its new formats.

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Rector of South Ural State University visited JINR for first time

On 18 April, a delegation of the South Ural State University headed by Rector Alexander Shestakov got acquainted with the infrastructure of MLIT and LRB. At the meeting of the delegation and JINR Director RAS Academician Grigory Trubnikov, the parties discussed the application of machine learning in interdisciplinary studies, as well as the creation of applied parallel applications and software programs.

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JINR Information Centres

New point on map: Yerevan

On 15 April, a JINR Information Centre was opened on the platform of the Yerevan State University and the A. Alikhanyan National Laboratory.

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Quick Start of JINR Information Centre

On 18 April, the JINR Information Centre in Yerevan, which opened last week, hosted its first event - the International Symposium on Problems of Simulation of Biomolecular Complexes and Interaction with Materials Nanoparticles.



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What are JINR Information Centres?

JINR Information Centres. What is their concept? Where are they opened? What benefits do they bring to both JINR and organisations they are based on? How do they work? Watch this video presentation to find out!

Show me! ➡➡

Research

Neutrino detectors for Novovoronezh Nuclear Power Plant

DLNP JINR scientists together with colleagues from Voronezh State University and the Department of Nuclear Safety and Security, as well as the Department of Thermal Automation and Measurements of Novovoronezh Nuclear Power Plant have completed the preparatory stage of the project on studying the properties of neutrino – Ricochet, which will be implemented on the territory of the NPP.

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International Family of JINR

Armenia

Since 14 April 2022, the Central Bank of Armenia has introduced a commemorative coin dedicated to the chemical element oganesson (Og) which was named to recognise pioneering contributions of Yuri Oganessian to transactinoid elements research.

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Serbia

On 19 April 2007, exactly 15 years ago, Serbia became an Associate Member of JINR. The Serbia-JINR cooperation has been actively developing and progressively reaching a new level since then.

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Russia

On 23 April, Doors Open Day of the Kadyshevsky Lyceum will be held in Dubna established with active participation of JINR. On this day, excursions to the classrooms and laboratories of the Lyceum will be arranged for everyone. An organisational meeting for applicants will be held. Testing of students entering 10 grade will complete the programme of the day.



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Kazakhstan

On 24 – 30 April 2022, Almaty, Kazakhstan, International Workshop on Particle Physics and Nuclear Physics. Opening of the JINR Information Centre “STC Dubna” at INP, Almaty.

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South Africa

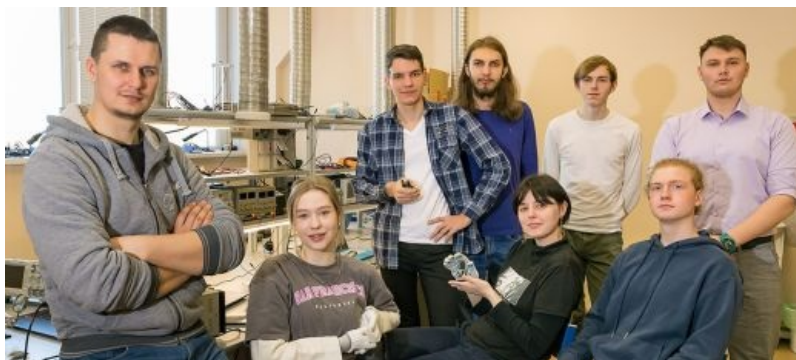
27 April is the national holiday of RSA, which is the Associate Member of JINR, the Freedom Day of RSA. The South Africa-JINR cooperation has been developing dynamically not only in the field of science but also in the educational sphere since 1993.

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Education

Far East Came Closer

On 14 - 30 April, physics students of the Far-Eastern Federal University (FEFU) are doing an internship at the Institute organised with an active participation of the JINR Information Centre in Vladivostok.



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PRUE students at MLIT JINR

On 5 April, students of the Economic Lyceum of Plekhanov Russian University of Economics got acquainted with MLIT JINR and went on an excursion to VBLHEP as well. On 12 April, MLIT JINR held a seminar “Distributed Computing and Big Data Analytics” for students of the “Data Science” interfaculty group of PRUE.

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People of JINR

Honoring Academician Yuri Oganessian

During the visit of the JINR delegation to Yerevan on 14 - 16 April, Yuri Oganessian was awarded the title of Honorary Professor of the Yerevan State University and received the Honorary Order of the Russian-Armenian University.

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[AND MORE ➡➡](#)

Biblionight-2022. Please come, it's going to be interesting!

All are kindly invited to the Biblionight in Blokhinka. You can walk around the holy of holies – the library stack, enjoy meditative blackout poetry, exchange houseplants and books. By the way, you can return books without embarrassing if you have not done it for a long time. Anyone (only if pre-signed up) will be able to express themselves at music-video-poetry gatherings. Of course, there will be favourite mini-lectures in 15x4 format.

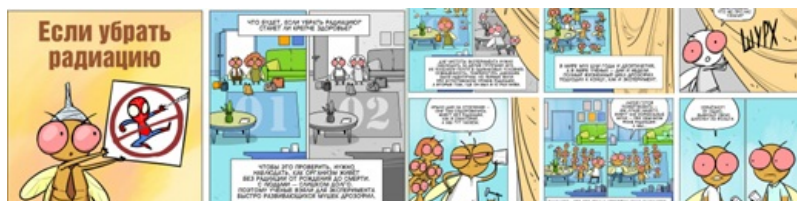


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Media

What will happen to body if radiation is removed completely?

A new comics, created by DLNP JINR and the Komikadze artel, is about the Laboratory's research in the special low-background laboratory DULB-4900 of the underground Baksan Neutrino Observatory.



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TASS News Agency at NICA

On 13 April, news coverage about the NICA megascience project was published in the TASS news feed. The TASS photo chronicle is showing the construction of the collider and the factory of superconducting magnets.

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JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #15 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

- [24 – 30 April 2022, Almaty, Kazakhstan, International Workshop on Particle Physics and Nuclear Physics](#)
- [25 - 29 April 2022, FLNP JINR, Dubna. Conference "Condensed Matter Research at the IBR-2" \(CMR@IBR-2\)](#)
- [25 – 27 April 2022, VBLHEP JINR, Dubna \(mixed format\). 9th Collaboration Meeting of the MPD Experiment at the NICA Facility](#)

Seminars

- [21 April 2022, at 10:00 AM. Memorial seminar dedicated to the 100th anniversary of I. M. Matora](#)
- [25 April 2022, at 11:00 AM. Blokhintsev lecture hall \(4th floor\), Bogoliubov Laboratory of Theoretical Physics. BLTP Journal Club](#)
- [26 April 2022, at 3:00 PM. "Numerical Study of Models of the Evolutionary Physical Processes Basing on the Dynamic Observables Calculation" by A.V. Volokhova](#)

Culture

- [21 April 2022, at 7:00 PM. Three novels about love and ballet. Novels to be presented: "Anna Pavlova and Victor Dandr ", "Circles of Vatslav Nijinsky", "Ekaterina Maksimova and Vladimir Vasilyev". The films will be shown by the studio "Fishka film", producer – Irina Vasilyeva \(Moscow\). The head of the "Dance theatre" Olga Galinskaya \(Dubna\) will answer any questions about ballet](#)
- [21 April 2022, at 7:00 PM. Meeting of the book club "Shpilka": discussing the book "The Guernsey Literary and Potato Peel Pie Society" by Mary Ann Shaffer and Annie Barrows](#)
- [22 April 2022, at 7:00 PM. JINR Scientists' Club invites to a concert "Music of old Vienna"](#)
- [23 April 2022, at 11:00 AM until 6:30 PM. The 4th Festival of Dubna's theater groups "Kaleidoscope"](#)
- [23 April 2022, at 4:00 PM. Blokhinka. Biblionight-2022](#)
- [25 April 2022, at 7:00 PM. Blokhinka. Anton Krotov's lecture on travelling](#)
- [27 April 2022, at 7:00 PM. The JINR Cultural Centre "Mir" invites to the "Spring concert" of live music by VIA "Lad"](#)
- [29 April 2022, at 7:00 PM. JINR Scientists' Club. The performance "The Kreutzer Sonata. Two geniuses", which will be presented by the literary theatre "Academy of Words"](#)
- [29 April 2022, at 7:00 PM. The concert of piano music of the cycle "Musical heritage of Dubna" will be held in the JINR Cultural Centre "Mir"](#)

Sports

- [24 April 2022](#), at 11:00 AM. The JINR Stadium "Nauka". The JINR open rapid chess tournament
- [24 April 2022](#), at 11:00 AM. The JINR Yacht Club. The track and field run in the memory of L. N. Yakutin

For Kids

- [23 April 2022](#). Technical hackathon "Dubna-2022"

ALL JINR EVENTS →

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