

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #11, 9 June 2022

Dear colleagues and friends,

Active life at the Institute does not stop. The large-scale Science Festival "Physics Days" was held for the Children's Day. More than 150 young scientists spoke with their senior (and, hopefully, future) colleagues from JINR. In this Newsletter issue, you can learn what Yuri Oganessian talked about with young researchers from Italy and Russia.

Representatives of leading scientific organisations of the Republic of Belarus have recently visited JINR to discuss the development of cooperation. On 12 June, we celebrate Russia Day, i.e. the national holiday of the country where our international scientific centre is located.

Summer reigns in the city of science. You can go to the renovated Baryon restaurant in the JINR hotel on 2, Moscovskaya str., to try a portion of refreshing (of course, scientific) ice cream. By the way, there are the most delicious sunsets.

Enjoy the upcoming long weekend and the new issue of the JINR Newsletter.

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: 26 May 2022.

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Breaking News

New members of Russian Academy of Sciences

On 1 June 2022, the Russian Academy of Sciences welcomed two more JINR representatives as its members at the General meeting.



Bekhzod Yuldashev, President of the Academy of Sciences of Uzbekistan, Plenipotentiary Representative of the Government of the Republic of Uzbekistan in JINR, Doctor of Physics and Mathematics, was elected as Foreign Member in the Nanotechnology and IT specialty of the Russian Academy of Sciences in recognition of his special merits to Russian and world science.



Alexander Belushkin, Doctor of Physics and Mathematics, Head of the Sector of the Frank Laboratory of Neutron Physics JINR, was elected as RAS Corresponding Member of the Section for Nanotechnologies of the Department of Nanotechnologies and Information Technologies of the Russian Academy of Sciences.

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Visits

JINR and Belarus: course for expanding cooperation

During the visit to Dubna, Grigory Trubnikov met with Academician-Secretary of the Department of Physics, Mathematics and Informatics of the National Academy of Sciences of Belarus Alexander Shumilin. The parties discussed new opportunities for expanding cooperation. One of them is the joint creation of an Accelerator Complex based on superconducting resonators.



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JINR hosted session of the Commissions of the Parliamentary Assembly of the Union of Belarus and Russia

On 6 June, JINR hosted a joint meeting of the Commission of the Parliamentary

Assembly of the Union of Belarus and Russia on Economic Policy and the Commission of the Parliamentary Assembly on Budget and Finance.

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JINR is a participant in high-tech cooperation between Russia and China

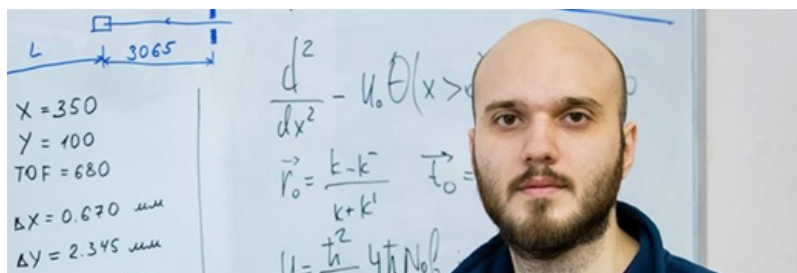
On 9 June, the 13th meeting of the Russian-Chinese Work Group on High Technologies and Innovations took place at the site of the Ministry of Education and Science of the Russian Federation in Moscow.

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Research

New method for studying magnetic and superconducting heterostructures

FLNP JINR is developing and testing a new method for studying interface boundaries in thin-film heterostructures, promising for the development of nanoelectronics, superconducting spintronics, and quantum computing.



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On the way to assembling active target of T2K experiment

DLNP JINR has completed the creation of equipment for assembling the active target of the short-spacing detector of the T2K neutrino experiment. It is being carried out by an international collaboration in Japan with the active participation of JINR scientists.

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Upgrade of CMS Detector at LHC

JINR scientists take an active part in the upgrade of the Compact Muon Solenoid (CMS), one of the four biggest experiments at the Large Hadron Collider in CERN. JINR has been engaged in a wide range of works on the experiment and has been contributing a lot to the CMS since the stages of preliminary research and development.

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People of JINR

Meeting of Yuri Oganessian with children

On 9 June, RAS Academician Yuri Tsolakovich Oganessian met with schoolchildren that are winners of the competition. It was conducted by “Big Break” together with the Joint Institute for Nuclear Research.



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AYSS seminar

On 9 June, Nikita Balashov will make the report “Information and computing infrastructure of MLIT”. How does a modern computing centre look like and why is it needed? Participants will learn about the MLIT computing centre and some services provided by it that can be used in your work.

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Time's witnesses

Interview with Gennady Ivanovich Lykasov, Doctor of Physics and Mathematics, Professor, Chief Researcher of the Elementary Particles Sector of DLNP JINR.

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Cinema Club

All interested are invited to the Cinema Club, which has resumed its activity and will be held in the JINR Scientists’ Club.

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Education

Physics Days

On 1 - 3 June, the traditional Science Festival “Physics Days” was held in Dubna. Over 150 guests of the Festival took part both in team scientific events and in workshops in Maths, Physics, Chemistry, and Biology.



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First Nanotechnology school

The school will be held at the University “Dubna” from 11 July to 15 July 2022

and is designed for 8 - 10 grades students interested in chemistry and physics. Students will get acquainted with modern nanotechnology and immerse themselves in the real work of a researcher, creating and studying new materials. Students will be taught by staff of the Department of Nanotechnology and New Materials, the core of which is JINR scientists.

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Media

Video: Flerov Laboratory of Nuclear Reactions JINR turns 65

In honour of this date, a festive seminar was held at the Joint Institute for Nuclear Research. Congratulations, unusual gifts from the Institute's Directorate, from the Head of the Dubna city district, a welcome address from the Governor of the Moscow region, kind words from colleagues and other JINR laboratories who said, "Things you are doing do not leave anyone indifferent!"

WATCH ➡

"Fundamental physics and applied technologies"

News coverage of holding the All-Russian School-conference "Fundamental physics and applied technologies" on the basis of the University "Dubna". The event was organised by the Engineering and Physics Institute of the University in cooperation with the Joint Institute, the Innovation and Territorial Cluster for Nuclear Physics and Nanotechnologies, the Special Economic Zone.

WATCH ➡

JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #21 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

Table tennis

On 18 June, the JINR Open Table Tennis Championship "DUBNA OPEN 2022" will take place.



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Upcoming Events

Conferences

- [5 – 12 June 2022, Alushta, Crimea. XI Conference of Young Scientists and Specialists "Alushta-2022"](#)

Seminars

- [9 June 2022, at 11:00 AM, DLNP. "Technology development of increasing critical currents of HTS Tapes in magnetic fields by proton irradiation" by M. Novikov and O. Karamyshev](#)
- [9 June 2022, at 4:00 PM, JINR Scientists' Club. AYSS seminar series: "Information and computing infrastructure of MLIT" by Nikita Balashov](#)
- [10 June 2022, at 11:30 AM, VBLHEP. "Search for dark matter at LHC – ideas, methods, approaches, and results" by M. V. Savina](#)

Culture

- [9 June 2022, at 7:00 PM, JINR Universal Public Library. Meeting of the book club "Summer Reading List"](#)
- [11 June 2022, at 4:00 PM, JINR Cultural Centre "Mir". Reporting concert of dance studio "Format"](#)
- [11 June 2022, at 6:00 PM, JINR Scientists' Club. Cinema Club](#)
- [14 June 2022, at 7:00 PM, JINR Cultural Centre "Mir". Chamber and piano music concert by Robert Schumann](#)
- [16 June 2022, at 7:00 PM, JINR Universal Public Library. Meeting of the book club "Hairpin": discussing the book "James Miranda Barry" by Patricia Duncker](#)
- [17 June 2022, at 6:30 PM, JINR Universal Public Library. Opening of exhibition "Science in comics: About complicated in a simple way"](#)

Sports

- [18 June 2022, JINR Stadium "Nauka". JINR table tennis open championship "Dubna Open 2022"](#)

ALL JINR EVENTS →

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