

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter, 24 March 2022

Dear colleagues and friends!

On the eve of 26 March, the JINR Foundation Day, we are launching a newsletter.

Since 1956, along with its main aim of studying the fundamental laws of matter, JINR has been following the principle "Science brings nations together". We want to bring you closer! That is why the weekly newsletter will cover the most interesting news of the Institute delivered by e-mail. To reach the entire multinational team of JINR, the newsletter will be in English.

Not all employees of the Institute use jinr.ru domain: those who wish to receive the newsletter should write to press@jinr.ru to be included in the mailing list.

If you know any colleagues who may be interested in the newsletter but who do not use the general Institute mail, please forward this message to them.

Our newsletter contains images. If you do not see them or do not want to give relevant permission to your mail program, you can view the [newsletter on the JINR website](#).

We are also pleased to announce that from now on the JINR Weekly Newspaper "Dubna: Science, Cooperation, Progress" has an [English version](#).

Moreover, we kindly invite everyone to subscribe to the official JINR channel in Telegram [@jinrofficial](#).

Congratulations to all the staff members of the Institute on the JINR Foundation Day!

JINR Press Office

Breaking News

Address by JINR Director Grigory Trubnikov on Institute's Foundation Day

On 26 March 1956, the Joint Institute for Nuclear Research, an international intergovernmental scientific centre, was established in Dubna. Painstaking labour of scientists and laboratories from all over the world has resulted in decades of successful work. On yet another birthday of the Institute, I would like to thank the multinational strong team of the Institute, JINR veterans, as well as hundreds of our partners worldwide for the contribution they make to the development of JINR, our bright centre, our common International Home on the Volga!

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ON 26 MARCH 1956,
THE JOINT INSTITUTE
FOR NUCLEAR RESEARCH
WAS FOUNDED IN DUBNA.

65 YEARS AGO, IN THE SPRING OF
1957, THE SYNCHROPHASOTRON,
THE MOST POWERFUL PROTON
ACCELERATOR AT THAT TIME,
WAS LAUNCHED AT JINR.

CP JINR Statement adopted at extraordinary session on 17 and 21 March 2022

On 17 and 21 March, an extraordinary meeting of the Plenipotentiary Representatives of the Governments of the JINR Member States was held. At the CP JINR session, the Statement on the necessity to preserve the unity of the Institute and international scientific partnership was adopted.

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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.

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News

On the way to the synthesis of element 120

On 24 March 2022, the scientific seminar "On the way to the synthesis of element 120" by Yuri Oganessian will be held in the Conference Hall of the Flerov Laboratory of Nuclear Reactions. The event will start at 3:30 PM.

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JINR establishes cooperation with Polytechnic University in Novocherkassk

On 22 March 2022, a delegation of Platov South-Russian State Polytechnic University (SRSPU, Rostov region, Novocherkassk) headed by Rector Yuri Razorenov visited the Joint Institute for Nuclear Research. The parties discussed possibilities for cooperation in the fields of scientific and technical

developments, education, as well as agreed to draft a basic cooperation agreement.

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New JINR Information Centre opened in North of Russia

On 18 March 2022, a festive opening ceremony of the Information Centre of the Joint Institute for Nuclear Research at the Northern (Arctic) Federal University named after M. V. Lomonosov (NArFU) took place.

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Research & Projects

News of Baikal expedition

The expedition on the construction of the Baikal-GVD deep-underwater neutrino telescope 2022 is underway. The expedition started in February.

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General construction work at NICA collider completed by 98%

The general contractor of the NICA complex STRABAG JSC and the JINR Directorate discussed the status of the construction and installation works at a meeting on 5 March.

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Mechanism for controlling the optical properties of new materials was determined

Specialists of the Frank Laboratory of Neutron Physics JINR within an international scientific group have conducted detailed structural studies of unique optical materials – silicate glasses doped with Cu₂Se and europium nanoparticles. As a result, they found out that a special region is formed around the copper selenide nanoparticles, which provides the basis for influencing the optical properties of such glass materials.

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Education

Lomonosov Moscow State University branch now in Dubna

A joint meeting of JINR Working Group on interaction with MSU, the MSU branch management, and the management of Dubna departments of the Faculty of Physics of MSU was held in Dubna. Director of JINR Grigory Trubnikov headed the JINR party at the meeting. Participants discussed in detail the branch preparation for the first students' admission.

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Media

Sixth "NICA Bulletin" issued

We offer to your attention the sixth issue of the regular NICA Bulletin reviewing the progress of the implementation of the JINR flagship international project “NICA Complex”.

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JINR Weekly Newspaper issued in English for the first time

We are glad to announce that the JINR Weekly Newspaper has been issued in English for the first time. From the Editor. Dear readers! We present to your attention the first issue of the electronic version of the JINR weekly newspaper “Dubna: Science, Cooperation, Progress” in English, prepared with the assistance of the Publishing Department and the Meshcheryakov Laboratory of Information Technologies. From now on, the English-language version will be published on the newspaper's website weekly. Please, follow the link to read the first English issue of the Newspaper.

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Video: NICA collider assembly progress

Assembly of the collider ring is in full swing at the NICA accelerator complex in the Laboratory of High Energy Physics JINR.

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People of JINR

Fair of JINR Craftsmen: uniting in creativity

On Sunday, 13 March, Institute's staff members and members of their families presented handmade items at the Fair of JINR Craftsmen “Meeting spring together” in the Blokhinstev Public Library. Ceramics, watercolour drawings, wooden tableware, felt miniatures, and original books – this is not the full list of items presented at the Fair. This was the second event organised by the JINR Women's Committee.

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Upcoming Events

Seminars

- [**24 March 2022**, at 11:00 AM. Scientific DLNP seminar on charged particles accelerators problems. “C230 \(IBA, Belgium\) and MSC230 \(Dubna\) RF systems” \(S. V. Gurskiy\)](#)
- [**24 March 2022**, at 11:00 AM. VBLHEP Scientific and Methodical Seminar No. 2-2022. “R&D Implementation for development of SiC*/Si-beta converters” \(V. V. Zemtsov\)](#)
- [**25 March 2022**, at 11:00 AM. Seminar “Hadron Physics”. “Radiative corrections for lepton collider experiments with polarized beams” \(Vitaly Yermolchik\)](#)
- [**30 March 2022**, at 11:00 AM. DLNP joint laboratory seminar. “Development Prospects for Proton Radiotherapy at DLNP of JINR” \(Alexey Agapov\)](#)

Conferences

- [31 March – 1 April 2022, 16th International Conference “Parallel Computational Technologies” \(PCT’2022\)](#)

Social Events

- [24 March 2022, at 6:30 PM. Blokhintsev Library of JINR. Musical evening with the participation of the Institute's staff and their family members dedicated to the JINR Foundation Day](#)
- [27 March 2022, at 5:00 PM. JINR Cultural Centre “Mir”. Concert by Grand Symphony Orchestra of Chopin Moscow College of Performing Arts](#)
- [Until 28 March 2022. JINR Cultural Centre “Mir”. Exhibition on 90th jubilee of Yuri Tumanov’s birth](#)

ALL JINR EVENTS →

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