JINR Newsletter #19, 28 May 2025

Dear colleagues and friends,

Two major international visits took place recently, opening up more prospects for cutting-edge collaborative research. In Japan, a Joint Institute's delegation, headed by Director Grigory Trubnikov, discussed the development of cooperation in experimental studies and the exchange of expertise. Meetings with Vietnam universities and research centres were devoted to education and personnel training.

JINR continues to offer international scientists and specialists a variety of opportunities for professional development. The JEMS-27 training course for Member and Partner States finished with a round table session with participants. Specialists from Egypt, Nigeria, South Africa, and Vietnam shared positive feedback on the Institute and the programme. An internship for researchers from the Commonwealth of Independent States started this week.

Read about the start of the ISINN-31 conference in China, JINR's participation in the 67th International Fair of Technics and Technical Achievements, and much more in the latest issue of the JINR Newsletter.

Telegram
@jinrofficial

Cooperation

JINR delegation in Japan

The Institute's representatives visited the country's major research centres: KEK (High Energy Accelerator Research Organization) and J-PARC (Japan Proton Accelerator Research Complex). During the working meetings, the parties discussed opportunities for expanding collaboration in experimental research and exchanging expertise.

READ MORE →

JINR visited Vietnam: personnel for future scientific projects

A delegation from the Joint Institute took part in a series of meetings on education and personnel training with Vietnam universities and research centres. In addition, the soft opening of a JINR Information Centre took place at the Institute of Physics of the Vietnam Academy of Science and Technology.

READ MORE →

JINR at fair of technical achievements in Serbia

The 67th International Fair of Technics and Technical Achievements took place in Belgrade from 20 to 23 May. The JINR booth presented information on the Institute's main facilities, projects, and educational programmes, along with the results of joint research with partners from Serbia.

READ MORE →

Education

JEMS-27: human potential as cooperation's driving force

The JINR Expertise for Member and Partner States training course finished on 23 May. At the final round table session with the participation of the JINR Directorate, specialists from Egypt, Nigeria, South Africa, and Vietnam shared their impressions of the Institute and discussed promising areas of cooperation with its laboratories.

READ MORE →

18th internship for young CIS scientists started at JINR

Since 26 May, researchers and specialists from the Commonwealth of Independent States are spending a month getting acquainted with the activities of the Joint Institute and Dubna Special Economic Zone.

READ MORE →

Announcements

Superconducting and Magnetic Hybrid Structures international workshop. Registration deadline approaching

The event will take place from 7 to 10 July at the Laboratory of Theoretical Physics at JINR. For participants who do not need a Russian visa, registration will be open until 1 June, 11:59 PM (MSK), via the link.

READ MORE →

Media

ISINN-31 taking place in China

Dongguan is hosting the International Seminar on Interaction of Neutrons with Nuclei. More than 230 scientists from different countries are discussing the fundamental properties of neutrons, nuclear structure, ultracold neutron physics, modern neutron sources, and other relevant topics.

READ MORE →

AYSS at round table on cooperation

Representatives of the JINR Association of Young Scientists and Specialists took part in a round table entitled "Education, science, and business: bridges of cooperation", held in Dubna Special Economic Zone.

READ MORE →

New documentary about legendary Soviet physicist Ilya Frank

Employees of the Laboratory of Neutron Physics at JINR shared their memories about the first FLNP Director in the *Ilya Frank. From optics to neutron* documentary, filmed by Higher School of Television students.

READ MORE →

A day in JINR history

Every week, the JINR Telegram channel shares archival photographs of the Institute. We invite you to look at employees of the BLTP JINR Department of Atomic Nucleus Theory enjoying barbeque photographed 47 years ago, in May 1978.

READ MORE →

Weekly JINR Newspaper issued

A new issue of the Weekly JINR Newspaper #19 has been published. Please note that you can read an English version on the JINR Newspaper's website.

READ MORE →

Upcoming Events

Conferences & Meetings

- **26–30 May**, 31st International Seminar on Interaction of Neutrons with Nuclei: "Fundamental Interactions & Neutrons. Nuclear Structure. Ultracold Neutrons. Related Topics" (ISINN-31), Dongguan, China
- **2 June**, JINR Science and Technology Council meeting, JINR, Dubna
- **3–6 June**, Baikal Collaboration Meeting, JINR, Dubna

Training

- **26 May – 23 June**, Internship for CIS scientists, JINR, Dubna
- **3–6 June**, Scientific School for Petrozavodsk schoolchildren, JINR, Dubna

Forums

- **1–5 June**, 6th "Nuclear Science and Technology" International Scientific Forum, Institute of Nuclear Physics, Kazakhstan

Seminars

- **29 May**, 11:00 AM, DLNP, "Deflecting characteristic refinement of the 200 MeV LINAC extraction magnet in single-electron mode and using alpha-particle sources" by Mikhail Demichev
- **29 May**, 11:00 AM, VBLHEP, "Thermal stabilisation of the readout plane of the time-projection chamber of the MPD Facility of the NICA Accelerator Complex" by Alexander Fedotov
- **29 May**, 3:00 PM, MLIT, "Distributed heterogeneous computing environment for processing experimental data of the NICA Accelerator Complex" by Igor Pelevanyuk
- **29 May**, 3:30 PM, FLNR, "Nanostructuring material surfaces with fast heavy ions" by Ruslan Rymzhanov, "Structural effects of high-energy ion irradiation in partially stabilised zirconium dioxide" by Nikita Kirilkin
- **30 May**, 11:30 AM, VBLHEP, "Methods and software for processing of experimental data of MPD ECal electromagnetic calorimeter and TOF (time-of-flight) detector obtained during the testing of system elements", by Victor Baryshnikov
- **30 May**, 3:00 PM, BLTP Dissertation Council, "Radiative effects with emission of hard photons in some lepton-proton and Møller scattering processes" by Alexander Ilyichev
- **4 June**, 11:00 AM, DLNP, "JINR participation in the International Linear Collider (ILC) Global Project" by Basar Sabirov
- **4 June**, 11:00 AM, MLIT, Seminar of 9th Alushta-2025 scientific conference participants and presentations by young scientists at 61st PAC NP meeting

Culture

- **20 May – 15 June**, Daily from 1:00 to 7:00 PM (except Monday), JINR Mir Cultural Centre, Remembering Pushkin exhibition
- **29 May**, 6:30 PM, JINR Universal Public Library, Scrapbooking club's meeting
- **29 May**, 7:00 PM, JINR Universal Public Library, Hairpin book club
- **30 May**, 6:00 PM, JINR Universal Public Library, English speaking club
- **30 May**, 6:00 PM, JINR Universal Public Library, JINR Cinema Club
- **31 May**, 12:00 PM, JINR Universal Public Library, Starting Summer Early festival
- **31 May**, 2:00 PM, JINR Mir Cultural Centre, Dance show
- **1 June**, 3:30 PM, JINR Mir Cultural Centre, International Children's Day celebration

ALL JINR EVENTS →

© Joint Institute for Nuclear Research
Joliot-Curie St 6, Dubna, Moscow Region, Russia, 141980
press@jinr.int