

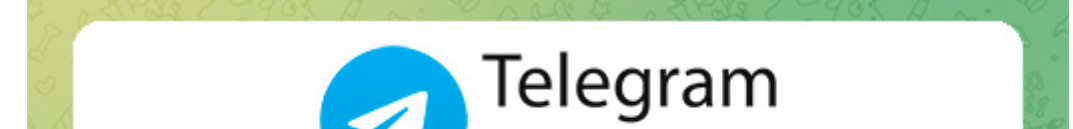
JINR Newsletter #37, 8 December 2022

Dear colleagues and friends,

The Joint Institute pays great attention to working with young people. And this week has been full of such events. Students of the MSU Faculty of Physics, schoolchildren from the Yamalo-Nenets Autonomous Okrug and Kamchatka Krai visited JINR. The results of the Young Scientists Congress in Sochi and the JINR student programme "START" held this year have been summed up. In addition, JINR is preparing to open a new Information Centre at Tomsk Polytechnic University.

In this issue of the JINR Newsletter, you will also see awards and achievements of Institute's scientists, events from the life of JINR, a lot of interesting leisure activities and media materials.

JINR Press Office



Youth Congress

JINR employees – participants of Young Scientists Congress in Sochi

At the 2nd Young Scientists Congress, in which a large JINR delegation took part, a discussion was held on international integration of infrastructure and staff potentials. JINR representatives spoke at the event and presented the NICA Megascience Project, sharing JINR's international experience with Congress participants.



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JINR joins scientific tourism movement in Russia

On 2 December as part of the 2nd Young Scientists Congress held in Sochi, a session "Development of Popular Science Tourism: First Results and Prospects" took place. The specifics of organizing scientific tours and many other issues were discussed.

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Some photos of Young Scientists Congress

The 2nd Young Scientists Congress in Sochi, where the JINR youth participated, finished. We offer you to see photos of bright and interesting moments of this event.

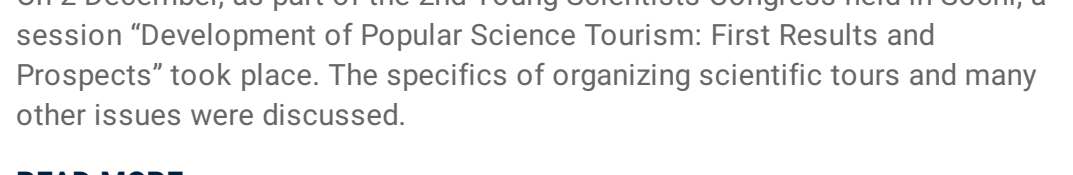


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Research

Active participation of JINR scientists in LEGEND experiment

With the DLNP JINR active participation, 101 germanium detectors of the LEGEND experiment were installed in the Gran Sasso Laboratory in Italy. The mass of the enriched isotope Ge-76 exceeded 100 kg for the first time. Participants carried out the preparatory work necessary for a full-scale launch of the experiment.



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Awards

High state Russian awards for JINR scientists

Subsequent to the Decree of Russian President, the Medal of the Order "For Merit to the Fatherland", 2nd class for the contribution to science development and longstanding hard work was awarded to DLNP Director V. A. Bedyakov, BLTP Director D. I. Kazakov, MLIT Director V. V. Korenko, and VBLHEP Deputy Director H. G. Khodzhibagyan.



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Academic Degrees

New holders of JINR academic degrees

On 30 November 2022, an awarding ceremony of diplomas on conferring academic degrees took place in the Big Hall of the JINR Scientists' Club. By tradition, the event had a festive atmosphere. Guests and scientific secretaries of Dissertation Councils took part in the ceremony.

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Education

Schoolchildren from YaNAO get acquainted with JINR

20 schoolchildren of grades 8-11 from the Yamalo-Nenets Autonomous Okrug (YaNAO) are doing an internship at JINR this week. On 5 December, pupils visited the "JINR Basic Facilities" interactive exhibition in the Cultural Centre "Mir", listened to a lecture at the JINR Museum of History of Science and Technology and took a tour of Dubna.

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Successful START

On 25 November, a regular session of the START programme finished. It was visited by 47 students from Armenia, Azerbaijan, Belarus, Bulgaria, Egypt, India, Russia, Serbia, Ukraine, and Uzbekistan. 57 JINR specialists supervised students' projects. Participants shared their impressions of the event.



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Schoolchildren from Kamchatka at JINR

In the last days of November 2022, 12 schoolchildren from Kamchatka Krai, winners of the Vitus Bering 2022 Complex Regional Olympiad in natural sciences, visited the Joint Institute for Nuclear Research. Students visited the JINR laboratories, got acquainted with the ongoing scientific projects, took part in a workshop on programming, and listened to a number of lectures by JINR specialists.

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Celebration

Mikhail Grigorovich Itkis turned 80

On 7 December 2022, Deputy Scientific Leader of the Flerov Laboratory of Nuclear Reactions (FLNR), JINR Director Advisor Mikhail Grigorovich Itkis turned 80. Professor Itkis is acknowledged as an experimental physicist. His research interests are connected with fundamental research of nuclear fission.



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JINR Community

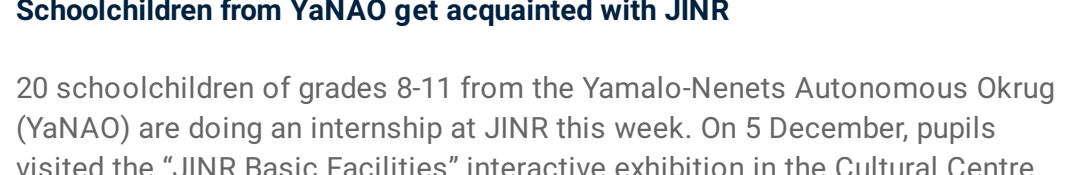
JINR Cinema Club

This Saturday, on 10 December, you can enjoy watching a fascinating film "Four Rooms" (1995) by American film directors Allison Anders, Alexandre Rockwell, Robert Rodriguez, and Quentin Tarantino. All are kindly invited! Please note that this time the film will be shown in the JINR Universal Public Library at 5:30 PM.

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Children's book festival "Books' Guests"

The JINR Universal Public Library invites everyone interested to the IX festival of children's and teenagers' literature "Books' Guests". You can join different activities: a quiz "Look! Baikall", puzzles by the journal "Quantik", game "Brutal Mafia", discussion about children's reading, etc. The event will take place on 10 December.

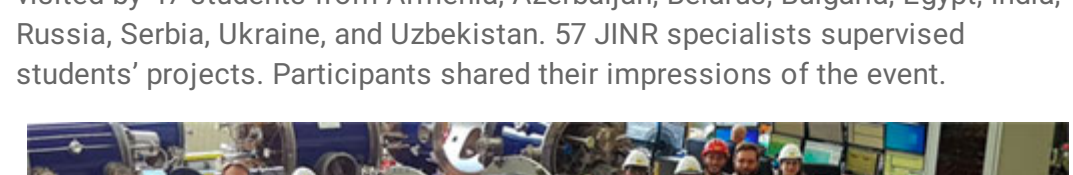


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Recalling founders

At seminar dedicated to memory of Vladimir Kadyshcheyky

On 30 November, the Museum of History of Science and Technology of JINR hosted a seminar dedicated to the memory of the outstanding scientist and science organizer, Academician Vladimir Kadyshcheyky. For the seminar, an exhibition was organized in the museum, presenting the biography of Vladimir Kadyshcheyky.



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Announcements

Sociological survey among JINR employees

We kindly invite all JINR employees to take part in the annual sociological survey until 12 December. A link to the online survey was sent to all JINR employees by e-mail. The survey is aimed to assess the level of social satisfaction of the JINR staff.

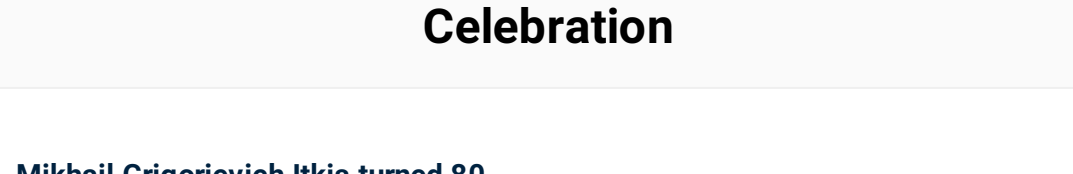
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Black Holes. White spots programme with VBLHEP scientist

The Cultura TV Channel in its programme Black Holes. White spots will broadcast new coverages with participation of a VBLHEP employee Sergei Merts. It will be shown on 10 December, at 12:03 PM and re-broadcasted on 12 December, at 8:00 AM.

Concert of rock band "People on the Moon"

Unfortunately, the concert was cancelled.



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Books

What to read?

We offer you new books in the Science and Technology Library of JINR. There you can find articles and textbooks on physics, as well as textbooks on quantum software engineering, database and soft computing technologies.

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Sports

About Kendo Club at JINR

The Kendo Club has been operating for 9 years at JINR. Kendo is a traditional martial art of Japanese fencing, which is becoming an increasingly popular form of martial arts. Read about the Club's history, principles of kendo, and its trainings.



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FLNP scientist participated in Winter Marathon

On Sunday, 4 December, Zelenograd hosted the 22nd traditional Winter Marathon dedicated to the anniversary of the beginning of the Soviet counter-offensive in the Battle for Moscow. At the marathon distance of 10 km, a FLNP employee Alexey Altynov became the third.

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Media

Interview with Sergei Merts

A VBLHEP leading researcher Sergei Merts, the winner of the prestigious All-Russian Award "For Loyalty to Science", was interviewed by the Dubna TV channel. He spoke about the popularisation of science, his work, the hobby and shared his impressions of receiving the prestigious award.



[WATCH →](#)

Video about Committee of Plenipotentiaries

Watch a video about the session of the Committee of Plenipotentiaries of the Governments of the JINR Member States, which took place in Egypt in November.

[WATCH →](#)

Opening of Govoron supercomputer

The Laboratory of Information Technologies hosted the opening of Govoron supercomputer after the modernisation. Watch the video to learn more about the new advantages of the Govoron supercomputer



[WATCH →](#)

Record of seminar from series "Deviant audiences"

We offer you to watch the record of the seminar "Deviant audiences" from a seminar series "Lifehacks of some use for a scientist", which took place on 2 December. You can learn types of deviant audiences and ways to deal with them, how to react to destructive behavior, and answers to tricky questions.

[WATCH →](#)

Record of DLNP seminar

We kindly invite you to watch the record of the seminar "COMET Experiment at the J-PARC Accelerator Complex (Japan)" by Z. Tsamalaidze, which took place on 24 November.

[WATCH →](#)

JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #47 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

- **5 – 9 December 2022. Scientific School for students from Yamalo-Nenets Autonomous Okrug.** LLC JINR, Dubna
- **5 – 9 December 2022. Baikal Collaboration Workshop.** Dzhelienov Laboratory of Nuclear Problems JINR, Dubna

Seminars

- **9 December 2022, at 11:00 AM.** BLTP. Seminar in memory of Alexander Evgenievich Dorokhov
- **9 December 2022, at 11:30 AM.** VBLHEP. "FLNP International collaboration. Status and prospects" by Anton Baldin
- **12 December 2022, at 11:00 AM.** BLTP. "The enduring mystery of ultra-diffuse galaxies" by Chitta Ranjan Das
- **12 December 2022, at 2:00 PM.** BLTP. The second lecture from a series "Gravitational waves and their role in modern physics" by Anton Baustev and Evgeny Davydov
- **12 December 2022, at 3:30 PM.** BLTP. "Creation of a dark photon in beamstrahlung in electron-positron collisions" by V. V. Serov
- **13 December 2022, at 3:30 PM.** FLNR. "Radiochemistry of superheavy elements in solutions: a theoretical approach to the separation of transactinoid elements by cation-exchange chromatography" by A. Budyrov and "Development of a system for detecting and registering nuclear reaction products at the GFS-2 facility" by A. Voinov
- **14 December 2022, at 11:00 AM.** DLNP. "Study of Standard Model in proton-proton interactions at 13 TeV by ATLAS and CMS at LHC (CERN)" by Yuri Kulchitsky
- **15 December 2022, at 3:00 PM.** BLTP. Seminar dedicated to 85th anniversary of V. G. Kadyshcheyky

Culture

- **24 November – 18 December 2022, daily from 1:00 to 7:00 PM.** (except Monday). JINR Cultural Centre "Mir". Exhibition of macro photography "Hidden Worlds".
- **8 December 2022, at 6:30 PM.** JINR Universal Public Library. Dubna Intellectual game's club
- **8 December 2022, at 7:00 PM.** JINR Universal Public Library. Book club "Summer Reading List" discussing the book "To Kill a Mockingbird" by Harper Lee
- **8 December 2022, at 7:00 PM.** JINR Stadium "Nauka". Ice rink opening ceremony
- **9 December 2022, at 7:00 PM.** JINR Scientists' Club. Concert by clarinet Ilya
- **10 December 2022, at 12:00 PM.** JINR Universal Public Library. Children's book festival "Books' Guests".
- **10 December 2022, at 7:00 PM.** JINR Universal Public Library. Meeting of the club "Children's reading through the eyes of adults"
- **11 December 2022, at 5:00 PM.** JINR Cultural Centre "Mir". Concert presentation of book "The city in which there is a symphony orchestra"
- **15 December 2022, at 7:00 PM.** JINR Universal Public Library. Meeting of the book club "Hairpin" discussing the book "The Woman Who Went to Bed for a Year" by Sue Townsend

[ALL JINR EVENTS →](#)