



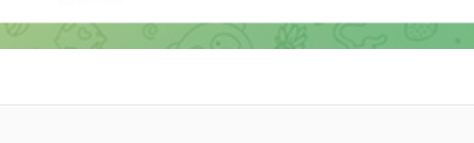
## JINR Newsletter #17, 4 May 2023

Dear colleagues and friends,

An outstanding scientist Yuri Oganessian personally received congratulations on his 90th anniversary from Armenian President Vahagn Khachaturyan. In this issue of the JINR Newsletter, read what was discussed at the high-level meeting, which took place with the participation of JINR Director Grigory Trubnikov.

In addition, you will learn about upcoming conferences, the development of international cooperation, popular science, educational, and cultural events of JINR. For dessert, there are new May wallpapers for your smartphones.

JINR Press Office



## Breaking News

### Meeting with President of Armenia

On 29 April, President of Armenia hosted JINR Director Grigory Trubnikov and FLNR Scientific Leader Yuri Oganessian in Yerevan. A wide range of issues related to strengthening and expanding scientific and cultural ties was discussed at the high-level meeting.



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## Cooperation

### JINR exhibition opened at Yerevan State University

The JINR exhibition "Big Science" opened at Yerevan State University. Photos by Mark Kozhura, industrialist photographer, show JINR scientists in working environment and acquaint with JINR advanced facilities and research.

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### National Centre for Physics of Pakistan: step towards cooperation

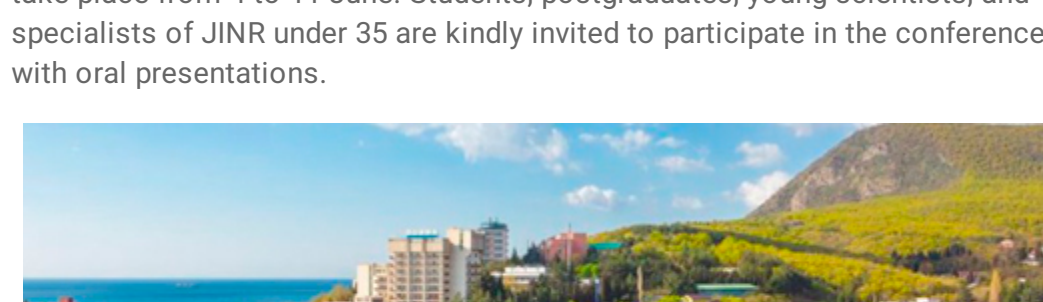
On 26 April, a presentation of the National Centre for Physics of Pakistan was given as part of the 22nd International training programme "JINR Expertise for Member States and Partner Countries" (JEMS-22). Representatives of the Centre spoke about the organization's research fields and possible areas for cooperation with the Joint Institute.

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## Conferences

### Submit of applications for Alushta-2023 opened

Registration for AYSS JINR "Alushta-2023" conference is open. The event will take place from 4 to 11 June. Students, postgraduates, young scientists, and specialists of JINR under 35 are kindly invited to participate in the conference with oral presentations.



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### JINR and TPU invite students to School on accelerator technologies

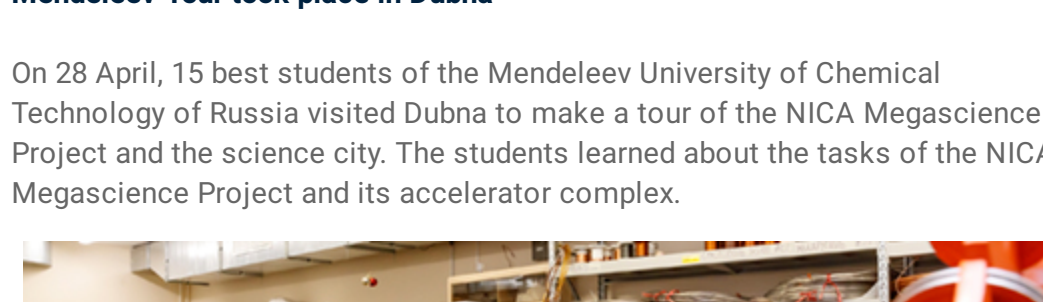
JINR and Tomsk Polytechnic University organize a Summer science intensive school "Physics and Technology of Accelerators" at JINR. Participants will not only attend lectures on a wide range of topics but also have tours of the JINR basic facilities. Applications are accepted until 19 May.

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## Education

### Mendeleev Tour took place in Dubna

On 28 April, 15 best students of the Mendeleev University of Chemical Technology of Russia visited Dubna to make a tour of the NICA Megascience Project and the science city. The students learned about the tasks of the NICA Megascience Project and its accelerator complex.



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### JINR presentation at KPFU Institute of Physics

On 10 - 11 April, JINR specialists visited the Institute of Physics of the Kazan (Volga Region) Federal University. In addition to the traditional annual meetings with students and discussion of curricula at the meeting of the JINR-based department "Nuclear Physical Materials Science" at KFU, JINR experts delivered lectures.

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### XXXIII Dubna Open Physics and Mathematics Olympiad

On Friday, 19 May, the Physics and Mathematics Open Classroom will hold the XXXIII Dubna Open Physics and Mathematics Olympiad for 6-7 grade school students. We kindly invite students to try their hands in solving fascinating tasks on physics and mathematics!

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## JINR Community

### JINR Cinema Club

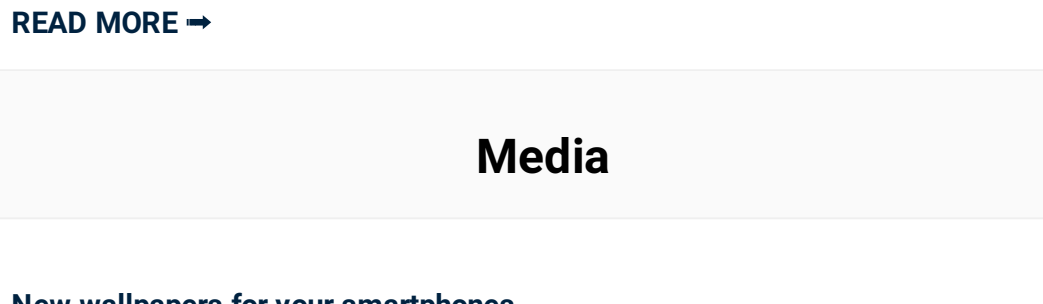
This Friday, on 5 May, at 6:00 PM, you can enjoy an interesting film "The Lady's Visit" (1989). All are kindly invited! Please note that the JINR Cinema Club will be held in the JINR Universal Public Library.

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## Media

### New wallpapers for your smartphones

We would like to offer you new wallpapers for your smartphones dedicated to our Institute! Seagulls, these beautiful and savvy birds, have long liked to build nests on the buildings of the Laboratory of High Energy Physics. The second picture shows the historic building of the Laboratory of Nuclear Problems, the oldest JINR laboratory.



[DOWNLOAD →](#)

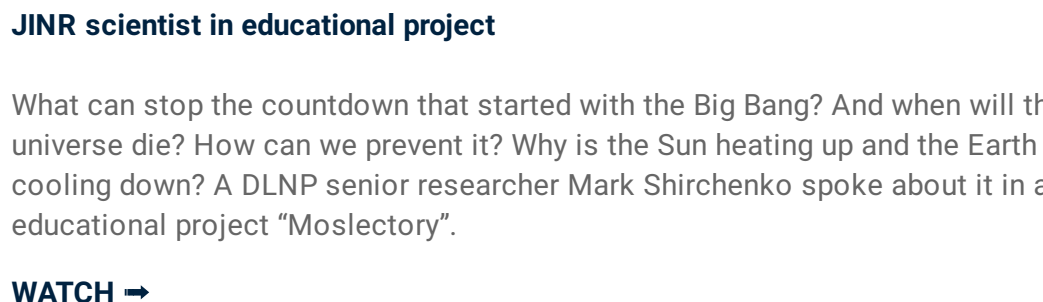
### JINR scientist in educational project

What can stop the countdown that started with the Big Bang? And when will the universe die? How can we prevent it? Why is the Sun heating up and the Earth cooling down? A DLNP senior researcher Mark Shirchenko spoke about it in an educational project "Moslectory".

[WATCH →](#)

### Filming at BLTP

Last week, a film crew from the Gorky Film Studio worked at the Bogoliubov Laboratory of Theoretical Physics. A new documentary will be dedicated to the studies of the dark matter. Theorists Dmitry Kazakov, the BLTP Director, and Maria Savina, a BLTP senior researcher, helped the filmmakers to understand the subject.



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### New podcasts by RIA Novosti with JINR scientists

BLTP staff members Anton Baushev and Evgeny Davydov spoke about gravitational waves and how they would help to study the universe, as well as about Einstein's theory of relativity in new episodes of the popular science podcast "We will all die. But we are not sure".

[PODCAST about gravitational waves →](#)

[PODCAST about the theory of relativity →](#)

### DLNP seminar record

We kindly invite you to watch a record of the DLNP seminar "Analysis of neutrino interactions to search for signals from a supernova" by Andrey Sheshukov.

[WATCH →](#)

### JINR Weekly Newspaper issued

A new issue of the JINR Weekly Newspaper #17 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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## Announcements

### AYSS seminars at JINR Scientists' Club

The Association of Young Scientists and Specialists announces that there will be no seminar on 10 May. AYSS will return to the previous schedule after the May holidays (starting from 17 May).

### CPED JINR notification on transition to direct contracts

The Joint Institute for Nuclear Research announced the transition to direct contracts for owners and users of apartment buildings from 6 June. You can find the list of addresses below.

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### Festival of additional development and education "Navigator" in Dubna

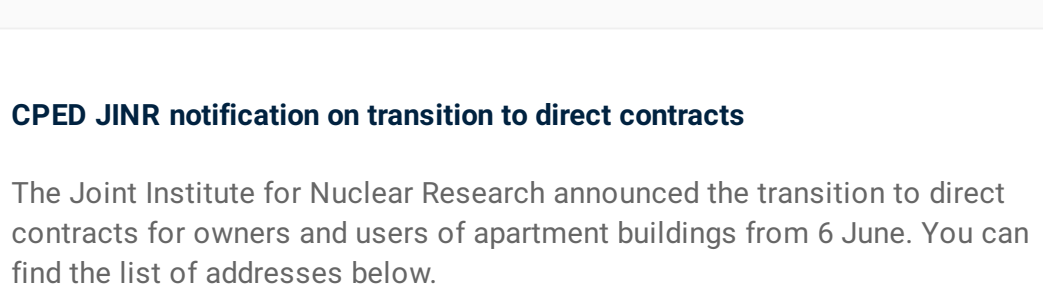
On 13 May, from 12:00 to 18:00 PM, a festival "Navigator" will take place at the JINR Universal Public Library organized jointly with the JINR Women's Committee. At the festival, parents will be able to get first-hand information about Dubna extracurricular activities for children, including summer programmes and intensive courses.

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## Sports

### Weightlifting championship

JINR employees participated in the city's weightlifting championship among physical culture teams. In the team competition, they took second place and got most of the first places.



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### Sports weekend

This weekend is going to be full of sports events. On 6 May, a volleyball tournament dedicated to the Victory Day will take place, and on 7 May, JINR open individual weightlifting competitions will be held at the JINR Sports Club.

[READ MORE about volleyball tournament →](#)

[READ MORE about JINR open weightlifting competitions →](#)

## Upcoming Events

### Seminars

- [5 May, at 11:30 AM, VBLHEP, "Correction system of NICA Booster magnetic field" by Mikhail Shandov](#)
- [11 May, at 10:00 AM, DLNP, "Investigation of neutron backgrounds in low-background experiments using new methods" by Dmitry Ponomarev](#)
- [11 May, at 3:00 PM, DLNP Seminar in memory of Yu. A. Budagov](#)

### Culture

- [27 March – 10 May, from Monday to Friday from 11:00 AM to 8:00 PM, and on Saturday from 12:00 PM to 6:00 PM, JINR Universal Public Library, Exhibition "Theatre's colour"](#)
- [4 May, at 7:00 PM, JINR Universal Public Library, Book club "Hairpin", discussing a book "Silkworm" by Robert Galbraith](#)
- [5 May, at 6:00 PM, JINR Universal Public Library, English speaking club](#)
- [5 May, at 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [5 – 29 May, daily from 1:00 to 7:00 PM, except Mondays, JINR Cultural Centre "Mir", Bulgaria's contribution to cultural heritage of Slavs](#)
- [11 May, at 11:00 AM, JINR Cultural Centre "Mir", Opening ceremony of an exhibition "Bulgaria's contribution to cultural heritage of Slavs"](#)
- [11 May, at 7:00 PM, JINR Cultural Centre "Mir", Performance "Don't be afraid to be happy"](#)

### For Kids

- [6 May, at 12:00 PM, JINR Cultural Centre "Mir", Performance for children](#)
- [6 May, at 4:00 PM, JINR Universal Public Library, "Engineering" meeting](#)

### Sports

- [6 May, at 10:00 AM, JINR Sports Club, Volleyball tournament](#)
- [7 May, at 10:00 AM, JINR Sports Club, JINR open weightlifting competitions](#)

[ALL JINR EVENTS →](#)