

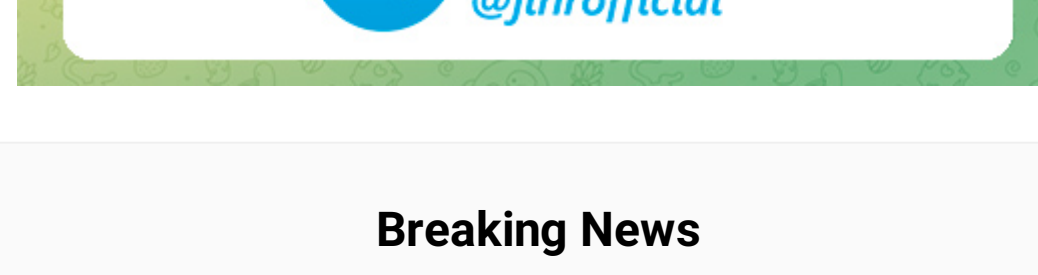
JINR Newsletter #8, 2 March 2023

Dear colleagues and friends,

Bright events mark the beginning of March at JINR. Today is the 110th anniversary of the birth of the outstanding scientist Academician Georgy Flerov. And on the first day of spring, the Joint Institute announced the opening of a new international Postdoctoral Programme for young scientists.

The Institute congratulated its partner, the Vinča Institute of Nuclear Sciences in Serbia, on its 75th anniversary. The new issue of the JINR Newsletter also includes the news from the Baikal-GVD project, another podcast with a JINR scientist, new wallpapers for your phone, introductions to young scientists, and memories of the founders.

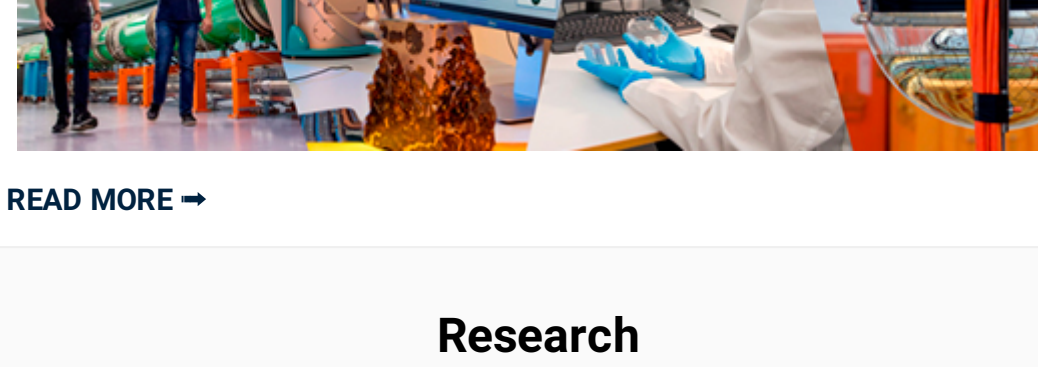
JINR Press Office



Breaking News

JINR opens new international Postdoctoral Programme

The Programme provides an opportunity for talented early-stage researchers, who wish for science and engineering to be noticed, to get involved in the forefront international projects of the scientific and technical progress at JINR in Dubna. Applications are being accepted until 1 April.



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Research

First applied research at high-energy ion beams of NICA Complex

As part of the fourth commissioning run at the NICA Accelerator Complex, applied research using accelerated ion beams with energies of the order of several GeV per nucleon started for the first time. Specialists from five research centres participating in the ARADNA collaboration carried out a series of irradiation of samples on a specially equipped stand in the BM@N Facility area.

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Cooperation

NIEFA and JINR discussed creation of medical proton cyclotron

On 20 February, D. V. Efremov Institute of Electrophysical Apparatus hosted a working meeting on the progress in R&D on the creation of the MSC-230 Superconducting Proton Cyclotron for the Joint Institute for Nuclear Research. The parties discussed issues of current cooperation and prospects for its further enhancement.

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JINR congratulated "Vinča" Institute on its 75th anniversary

On 22 – 24 February, the JINR delegation worked in Belgrade. Representatives of JINR came to celebrate the 75th anniversary of the well-known Serbian scientific organization "Vinča" Institute of Nuclear Sciences. Festive events were held on 22 February at the Serbian Academy of Sciences and Arts.



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Conferences

Supersymmetry in integrable systems discussed at BLTP

From 20 to 22 February, the IX JINR – Armenia workshop "Supersymmetry in Integrable Systems" was held at BLTP JINR. About 50 scientists representing Armenia, Bulgaria, Russia, and Turkey attended the meeting.

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JINR Community

Female Face of Science

In honour of the International Day of Women and Girls in Science, the Laboratory of Nuclear Problems JINR prepared a series of publications about female researchers working at the Laboratory. The following four articles are about DLNP researchers Maria Vorobyova and Svetlana Biktemerova and junior researchers Alina Vishneva and Nargiza Temerbulatova.

READ about Maria Vorobyova →

READ about Svetlana Biktemerova →

READ about Alina Vishneva →

READ about Nargiza Temerbulatova →

JINR Cinema Club

This Saturday, on 4 March, at 5:00 PM, you can enjoy watching an interesting film "Night On Earth" (1991). All are kindly invited! Please note that the JINR Cinema Club will be held in the JINR Universal Public Library.



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Event to celebrate International Women's Day

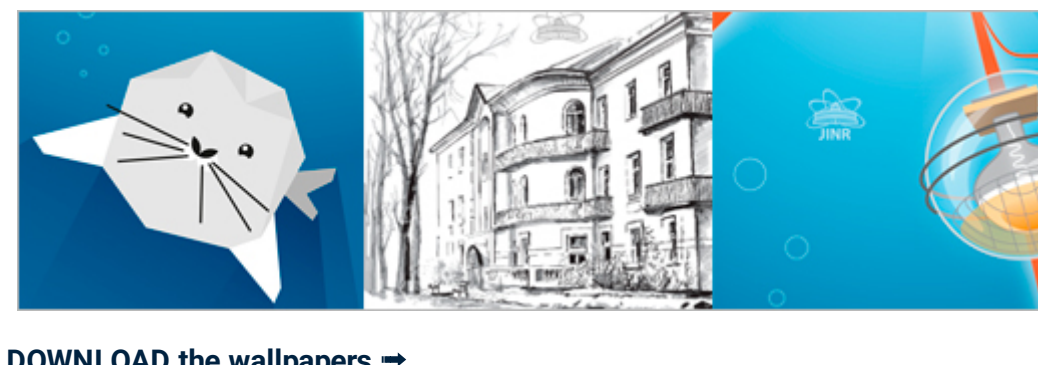
On 10 March, at 6:00 PM, AYSS members are kindly invited to the event dedicated to International Women's Day. The event will be held in the wine&cheese format at the Barion restaurant.

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Media

New wallpapers for your smartphones

The 12th day of the Baikal expedition finished. We wish the seal would be a talisman for our colleagues! The second wallpaper depicts Mira Street 5/17, one of the quiet and cozy streets of the Institute's part of Dubna. Maybe in the past the founding fathers were strolling along it to the embankment while thinking over scientific tasks!



DOWNLOAD the wallpapers →

Baikal-GVD 2023: the diaries

On 17 February, a regular expedition on the construction of the Baikal-GVD Neutrino Telescope started. Every day the participants of the project keep the diary and make photos. Watch the work in progress (days 6 – 12).

DAYS 6 – 8: extensive work →

DAY 9: ready for assembly →

DAY 10: test of modules →

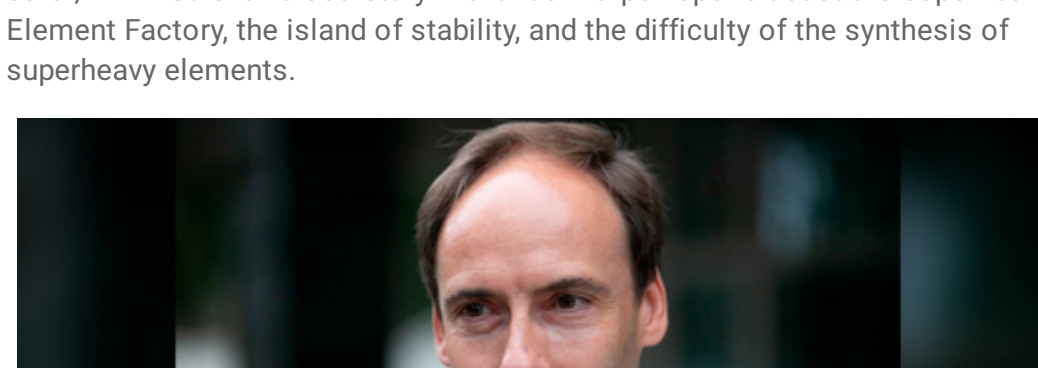
DAY 11: in memory of Mikhail Milenin →

DAY 12: work continues →

DAY 13: preparation for laying bottom cable →

New podcast by RIA Novosti with JINR scientist

In a new episode of the popular science podcast "We will all die. But we are not sure", FLNR Scientific Secretary Alexander Karpov spoke about the Superheavy Element Factory, the island of stability, and the difficulty of the synthesis of superheavy elements.



LISTEN →

About JINR-Armenian workshop SIS'23

We offer you a video about the JINR-Armenian workshop "Supersymmetry in Integrable Systems (SIS'23)". It took place on 20 – 22 February at the Bogolubov Laboratory of Theoretical Physics.

WATCH →

DLNP seminar

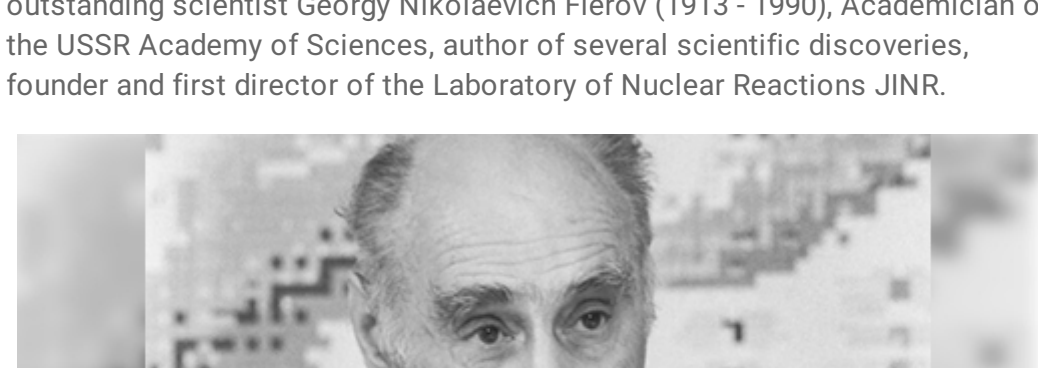
We kindly invite you to watch a recording of the seminar "Status of the MEG II experiment on search for the $\mu^+ \rightarrow e^+ \gamma$ decay at the Paul Scherrer Institute (PSI), Switzerland" by N. V. Khomutov.

WATCH →

Recalling founders

Georgy Flerov

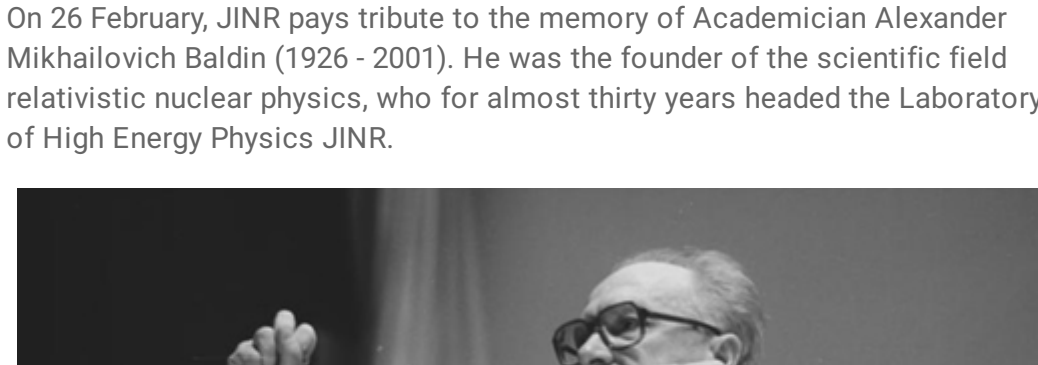
On 2 March, JINR celebrates the 110th anniversary of the birth of the outstanding scientist Georgy Nikolaevich Flerov (1913 – 1990), Academician of the USSR Academy of Sciences, author of several scientific discoveries, founder and first director of the Laboratory of Nuclear Reactions JINR.



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Alexander Baldin

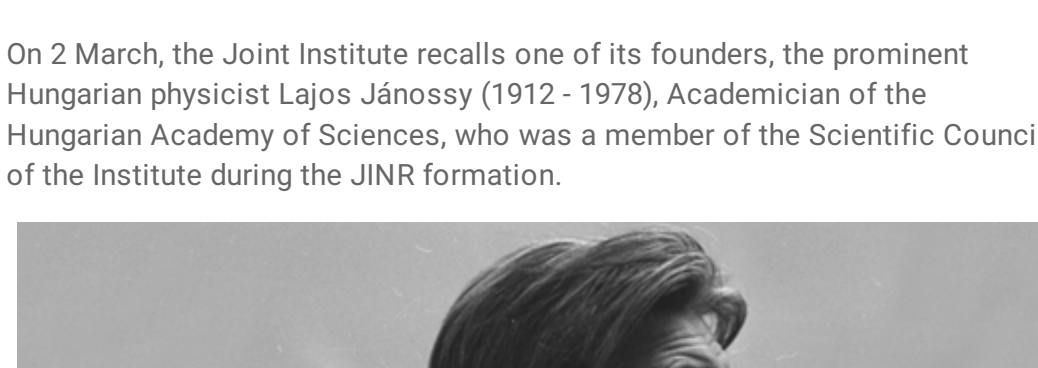
On 26 February, JINR pays tribute to the memory of Academician Alexander Mikhailovich Baldin (1926 – 2001). He was the founder of the scientific field relativistic nuclear physics, who for almost thirty years headed the Laboratory of High Energy Physics JINR.



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Lajos Jánosy

On 2 March, the Joint Institute recalls one of its founders, the prominent Hungarian physicist Lajos Jánosy (1912 – 1978), Academician of the Hungarian Academy of Sciences, who was a member of the Scientific Council of the Institute during the JINR formation.



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Announcements

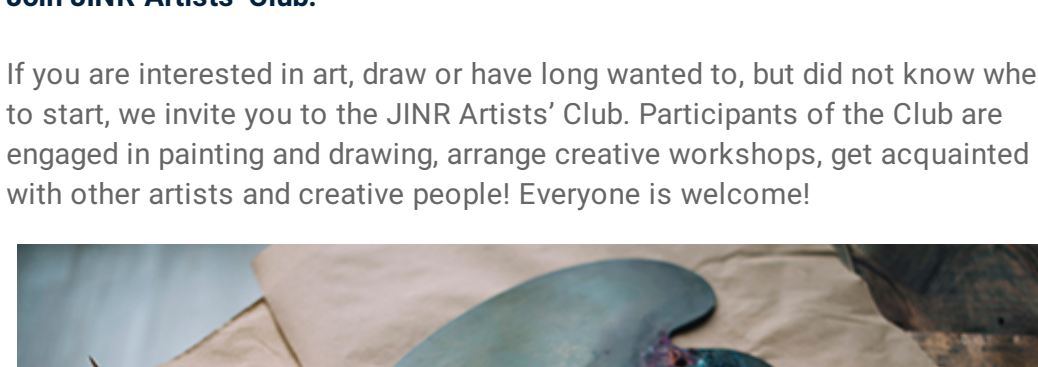
Competition of scientific projects at MSU Faculty of Physics

The Faculty of Physics of Moscow State University is holding a traditional competition of scientific projects "Lomonosov" University in theoretical and applied physics. Winners of the competition will become eligible to enter the master's course at Moscow State University on a preferential basis.

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Join JINR Artists' Club!

If you are interested in art, draw or have long wanted to, but did not know where to start, we invite you to the JINR Artists' Club. Participants of the Club are engaged in painting and drawing, arrange creative workshops, get acquainted with other artists and creative people! Everyone is welcome!



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Sports

Swimming competition in memory of G. N. Flerov

On 3 – 4 March, at 1:00 PM, the competition in memory of Academician G. N. Flerov will be held at the Archimedes Swimming Pool of JINR. We invite all the sports fans to join the competitions! In connection with the competitions, pool sessions on 3 – 4 March are cancelled.

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Upcoming Events

Conferences

- 22 February – 3 March, Workshop "Infinite and Finite Nuclear Matter (INFENIUM-2023)", Bogolubov Laboratory of Theoretical Physics, JINR
- 3 March, Special seminar dedicated to the 110th anniversary of Academician G. N. Flerov, Flerov Laboratory of Nuclear Reactions, JINR Scientists' Club, Dubna (mixed format)

Seminars

- 2 March, at 11:00 AM, VBLHEP "Internal gas targets for accelerators" by D. K. Toporkov
- 2 March, at 11:00 AM, DLNP Seminar "Apollid studies at proton beams of the DLNP JINR Phasotron"
- 2 March, at 4:00 PM, BLTP "Study of bound states of particles in effective models of quantum field theory" by Fedor Martynenko
- 3 March, at 11:30 AM, VBLHEP "Current problems and prospects of elementary particle physics" by D. I. Kazakov
- 6 March, at 11:00 AM, BLTP "Quantum phase transition in the one-dimensional water chain" by Pavel Maksimov

Culture

- 2 March, at 6:30 PM, JINR Universal Public Library, Detective Club for Teenagers
- 2 March, at 7:00 PM, JINR Universal Public Library, Book club "Summer Reading List", discussing a book "Treach on the Daydream" by Boris Vian
- 3 March, at 6:00 PM, JINR Universal Public Library, English Speaking Club
- 3 March, at 6:30 PM, JINR Universal Public Library, Dubna intellectual games' club
- 3 March, at 7:00 PM, JINR Cultural Centre "Mir", "The Master and Margarita, Finale" performance
- 4 March, at 5:00 PM, JINR Universal Public Library, JINR Cinema Club
- 5 March, at 12:00 PM, JINR Cultural Centre "Mir", Musical play for children
- 7 March, at 7:00 PM, JINR Cultural Centre "Mir", Performance "Doctor knows everything"
- 8 March, at 6:00 PM, JINR Cultural Centre "Mir", Ballet " Giselle"

Sports

- 16 February – 26 March, JINR Sports Complex, XXIV JINR Sports Games
- 3 – 4 March, Archimedes Swimming Pool of JINR, Swimming competition in memory of G. N. Flerov

For Kids

- 4 March, at 3:00 PM, JINR Universal Public Library, Meetings "In touch": "Engineering" and "Let's READers"

ALL JINR EVENTS →