



JINR Newsletter #19, 4 August 2022

Dear colleagues and friends,

Summer is the time for vacations, but educational activities of the Institute are in full swing. The new programme "Medical Physics" has been launched at the Far Eastern University by JINR, FEFU, and MIPT. Students of the North Ossetian University have come to JINR for practice. The traditional Physics Workshop "Element 105" has been held as part of the Summer School in the Volga camp.

The City Day has been marked with the opening of the JINR Hall in the Dubna Museum and the presentation of the Commendation of the Moscow Region Governor to Mikhail Kapishin from VBLHEP.

The JINR flag has been brought to the North Pole. It has happened thanks to the participation of Mark Shirchenko from DLNP in the Arctic expedition within the Rosatom's educational project. The GEEK PICNIC popular science festival in Moscow has not been left without participation of JINR researchers either.

In the new issue of the Newsletter, you will also find the second episode of the film about the living legend of the scientific world Yuri Oganessian, learn about sports achievements of our scientists, and much more.

JINR Press Office



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Visits

Meeting of RAS President and Plenipotentiary of Government of Uzbekistan at JINR

On 28 July, President of the Russian Academy of Sciences Alexander Sergeev met with President of the Academy of Sciences of the Republic of Uzbekistan, Plenipotentiary Representative of the Government of the Republic of Uzbekistan in JINR Bekhzod Yuldashev at the Presidium of the Russian Academy of Sciences. On the same day, Alexander Sergeev festively presented Academician Bekhzod Yuldashev with the Diploma and the Badge of Foreign Member of the Russian Academy of Sciences.



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Awards

Commendation of Governor to JINR employee

A ceremonial reception of Mayor of Dubna Sergey Kulikov was held in the JINR Scientists' Club in July dedicated to the City Day. The Mayor, together with Chairman of the Dubna Council of Deputies Andrey Tamonov presented merited awards to outstanding residents of the science city. The Head of the Department of the Baryon Matter Investigations at the VBLHEP Nuclotron Mikhail Kapishin received a Commendation of the Governor of the Moscow Region.



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JINR Publicity

JINR interactive exhibition opened in Dubna Museum

On 29 July, a permanent exhibition "Hall of the Joint Institute for Nuclear Research" opened in the Dubna Museum, on the 2nd floor of the building of the Bolshaya Volga station. The opening was dedicated to the celebration of the City Day and became the first event of the JINR additional programme to that of the International Year of Basic Sciences, one of the organisers of which is the Institute.



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JINR scientists at GEEK PICNIC festival in Moscow

On 30 July, the largest festival GEEK PICNIC dedicated to popularisation of science and achievements of modern technology was held in Muzeon Park of Arts in Moscow. Four JINR scientists gave lectures on the latest achievements of nuclear physical technologies in the analysis of environmental pollution, neutrino physics, and information technologies, as well as talked about the NICA megascience project implemented in Dubna.



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Education

Children, Arctic, Science: about Icebreaker of Discoveries with participation of JINR scientist

The nuclear icebreaker “50 years of Victory” of Rosatomflot completed the expedition to the North Pole, which took place from 17 to 28 July. Participants - talented schoolchildren from all over Russia - and lecturers of the large-scale educational project of the State Corporation “Rosatom” “Icebreaker of Discoveries 2022” returned to the mainland. One of the lecturers of the project, a scientist of the Joint Institute Mark Shirchenko spoke about the milestones of the expedition to the Arctic, new knowledge, impressions, acquaintances, and discoveries.



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NOSU students training at JINR

Four students of the Faculty of Physics and Technology of North Ossetian State University named after K. L. Khetagurov are getting a two-week training at the Joint Institute for Nuclear Research. The knowledge and skills acquired during the training will be useful to future specialists in solving IT problems of the SPD experiment of the NICA megascience project.



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JINR, FEFU, and MEPhI will jointly train nuclear medicine specialists

JINR together with FEFU and NRNU MEPhI started the educational programme “Medical Physics” at the Far Eastern Federal University. Students will be able to participate in practices and internships at LIT and LRB. Graduates will solve problems of medical physics and nuclear medicine, work with high-tech equipment, and develop IT in medicine.

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Physics Workshop “Element 105” finished

On 26 July, the Physics Workshop “Element 105”, part of the Summer School, came to an end. Workshop participants made presentations based on scientific articles on various topics. Staff members of the Institute selected five best speakers who were invited to participate in the XXVI International Conference of Young Scientists and Specialists.



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XXII Summer School on Particle Physics and Astrophysics finished on Lake Baikal

The School was held from 12 to 19 July 2022 on Lake Baikal, in the village of Bolshie Koty. This year, the School has resumed on the shore of Lake Baikal in the offline format after a two-year break. 29 students and 11 mentors participated in the School. Irkutsk State University and the Joint Institute for Nuclear Research organised the event.



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Publications

JINR Publishing Department released new preprints

“Phenomenological model of nucleon-induced fission cross sections in high-energy region” E1-2022-29. The author is V. Yurevich.

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“Two different distance scales of q^2 and V_{QCD} potential of protons from π^-C interactions at 40 GeV/c” E1-2022-20. The authors are Baatar Ts. et al.

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Media

Second episode of film about Yuri Oganessian

The 365 Days TV channel has released the second episode of the film “Element of Learning” about FLNR JINR Scientific Leader Yuri Oganessian, an outstanding Soviet and Russian scientist in the field of experimental nuclear physics. The film was shot for about six months starting in December 2021.



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Video interview with author of new JINR patent

Sergey Dolya, a senior researcher of the Scientific and Experimental Department of New Accelerators of DLNP JINR, talks about a new patent for the invention “A method for rapid analysis of inhibition of living protein molecules”.

WATCH →

JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #29 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Announcements

Russian Presidential Award for Young Scientists

We remind you that the acceptance of documents continues for the Russian Presidential Award in the field of science and innovation for young scientists for 2022.

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Paintball and laser tag rescheduled

Organisers of the event inform that they have to reschedule the paintball and laser tag games from 30 July to 7 August.

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JINR Cultural Centre “Mir” invites you to join creative teams in the 2022 - 2023 season

Chamber Choir “Credo”

Choir Capella “Belcanto”

Vocal Ensemble “Metelitsa”

Flamenco Dance School

Ballet Studio “Fantasia” of the Rhapsody Arts School

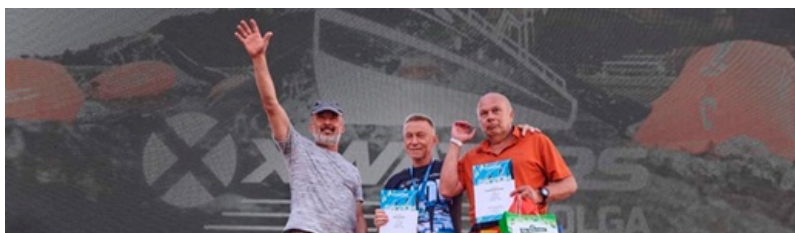
“Ballet of Dubna”

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Sports

JINR scientist at swimming competition in Nizhny Novgorod

On 24 July, Nizhny Novgorod hosted a large-scale open water swim X WATERS Volga 2022. A FLNP JINR staff member Alexander Chernikov took the third place in a 5 km race.



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Upcoming Events

Conferences

- [**8 – 13 August 2022**, International Workshop “Supersymmetries and Quantum Symmetries – SQS’22”. Laboratory of Theoretical Physics JINR, Dubna](#)

Seminars

- [**8 August 2022**, at 3:30 PM, BLTP. “Production of nuclei and hypernuclei in intermediate- and high-energy nuclear reactions” by A. S. Botvina](#)

Culture

- [**4 August 2022**, at 7:00 PM. JINR Universal Public Library. Book club “Summer Reading List”: discussing the book “Faculty of Useless Knowledge” by Yu. O. Dombrovsky](#)
- [**5 - 21 August 2022**, daily from 3:00 to 7:00 PM. JINR Cultural Centre “Mir”. Art exhibition by Vlad Kravchuk and Yana Mikhailova](#)

- [**5 August 2022**, at 6:30 PM. JINR Universal Public Library. Dubna intellectual game's club](#)
- [**11 August 2022**, at 7:00 PM. JINR Universal Public Library. Meeting of the book club "Hairpin": discussing the book "Gone girl" by Gillian Flynn](#)

Sports

- [**6 – 7 August 2022**, at 7:00 PM. JINR Tennis Courts near the Archimedes Swimming Pool. XXIII Dzhelepov Brothers Tennis Tournament](#)

ALL JINR EVENTS →

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