Events

SCIENCE BRINGS NATIONS TOGETHER



JOINT INSTITUTE FOR NUCLEAR RESEARCH

JINR Newsletter #26, 22 September 2022

Dear colleagues and friends,

The Institute's life is rich in memorable dates. Thus, on 17 September, JINR celebrated the birthday of Mikhail Meshcheryakov, one of the Institute's founders. The national holiday of Armenia, a JINR Member State, was celebrated on 21 September. And we have a significant anniversary ahead of us. 24 September will mark the 25th anniversary of the signing of the landmark agreement between JINR and UNESCO.

These days in Alushta, participants of the international workshop are discussing problems of colliders and accelerators of charged particles. FLNP staff members as part of a research team found out how the shells of fossil molluscs had changed by studying their crystallographic texture.

Students from Egypt met pupils of the Kadyshevsky Lyceum, the JINR football team won the Dubna Championship, the Veksler run and new Blokhinka events are ahead, so to say, life is in full swing! Read about it in this issue of the JINR Newsletter

JINR Press Office



Meetings

Problems of colliders and accelerators being discussed in Alushta

On 21 September, the traditional 14th International Scientific Workshop in memory of Professor V. P. Sarantsev "Problems of colliders and charged particle accelerators" started in the Resort Hotel "Dubna", Alushta. In addition to the issues of accelerator science and technology, participants are considering the current status of the NICA Megascience Complex and the SKIF Synchrotron.



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Research

JINR scientists studied fossil mollusc shells change

Scientists of FLNP JINR have identified features of the texture of minerals in fossil shells of molluscs. The findings would enable scientists to understand better how extinct molluscs were organized and lived about 165 million years ago.





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Education

International dialogue between Dubna and Egypt students

A meeting was held between Egyptian students, participants of the JINR Science School, and pupils of the Dubna Physics and Mathematics Lyceum named after Academician V. G. Kadyshevsky in a warm atmosphere and with great mutual interest.



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People

AYSS invites to a new seminar

On 22 September, Igor Pelevanyuk will make a presentation "The role of computing in scientific research".



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Sharing your summer memories

On Friday, 23 September, at 6:30 PM, Blokhinka invites everyone to gather in the cozy small hall of the library for a Suitcase Mood meeting and listen to stories about summer trips.

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Ekodvor Festival

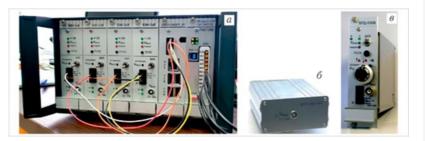
Blokhinka together with the JINR Cultural Centre "Mir" is taking part in the Ekodvor eco-educational event in the park "Embankment named after D. I. Mendeleev". Come with your children to the Molodezhnaya polyana on 24 September from 12:30 PM to 3:00 PM. It will be useful and interesting!

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Publications

Precision high voltage sources for nuclear radiation detectors

Precision high voltage sources for nuclear radiation detectors on transformers have been developed in FLNR JINR. These are important elements of measuring facilities in experimental nuclear physics.



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New issue of JINR News bulletin

The third issue of the JINR News bulletin 2022 has been published.

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Recalling founders

Mikhail Meshcheryakov

On 17 September, the Joint Institute for Nuclear Research recalls Mikhail Grigorievich Meshcheryakov (1910 – 1994), an outstanding experimental physicist and a talented science organizer, a laureate of USSR state prizes, Corresponding Member of the USSR Academy of Sciences, the founder and the first Director of the research centre in Dubna.



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SOME interesting facts →

Media

JINR Weekly Newspaper issued

New issue of the JINR Weekly Newspaper #36 has been published. Please note that you can read an English version on the JINR Newspaper's website.

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Sports

Football

The JINR football team won the Dubna championship among teams, beating the Tensor Plant team with a score of 3:1.



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Track and field cross country

The JINR team won 6 gold medals, 4 silver, and 1 bronze at the track and field cross country at the stage of the Dubna Championship among teams.

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53rd traditional track and field run in memory of Academician V. I. Veksler

The event will take place on 25 September 2022. The race starts from the Archimedes Swimming Pool: at 11:00 AM - 1 km distance; at 11:30 AM - 4 and 8 km distances.



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Upcoming Events

Conferences

- 20 25 September 2022, XIV International scientific workshop in memory of Professor V. P. Sarantsev "Problems of colliders and charged particle accelerators". Resort Hotel "Dubna", Alushta, Crimea
- 26 30 September 2022, IV International Scientific Forum "Nuclear Science and Technologies". Institute of Nuclear Physics, Almaty, Kazakhstan
- 29 30 September 2022, 132nd session of the JINR Scientific Council.
 JINR International Conference Hall, Dubna

Seminars

- 22 September 2022, at 3:00 PM, BLTP. "Study of inclusive crosssections using spectral density smoothing on the example of a twodimensional O(3) sigma model" by Dmitry Sychev
- 22 September 2022, at 4:00 PM, JINR Scientists' Club. AYSS seminar series: "The role of computing in scientific research" by Igor Pelevanyuk
- <u>26 September 2022</u>, at 11:00 AM, BLTP, Blokhintsev Conference Hall (4th floor). BLTP Journal Club: "Rashba-like physics in condensed matter" by Kaushal Kumar Kesharpu
- 26 September 2022, at 3:30 PM, BLTP. "Study of the structure of fewbody and alpha-cluster nuclei based on new theoretical methods" by Vyacheslav Samarin
- 27 September 2022, at 4:00 PM, BLTP. "Charge fluctuations and superconductivity in strongly correlated electronic systems" by Nguen Dan Tung
- 28 September 2022, at 11:00 AM, DLNP. "Application of spectrometric methods and low-temperature germanium bolometers for direct search for dark matter particles and rare processes" by Evgeny Yakushev
- **29 September 2022**, at 3:00 PM, MLIT. "On the trajectories of dynamical systems lying on algebraic hypersurfaces" by Mikhail Malykh

Culture

- 22 September 2022, at 7:00 PM. JINR Universal Public Library. Meeting
 of the book club "Hairpin": discussing the book "The Cazalet Chronicles"
 by Elizabeth Jane Howard
- 23 September 2022, at 4:00 PM. School No.9. XXXII Dubna Open Physics and Mathematics Olympiad
- 23 September 2022, at 6:30 PM. JINR Universal Public Library. Suitcase Mood
- 23 September 2022, at 7:00 PM. JINR Scientists' Club. Performance of

literary theatre "Word's Academy"

- 24 September 2022, at 12:30 PM. JINR Cultural Centre "Mir". Festival "Ekodvor"
- 24 September 2022, at 6:00 PM. JINR Scientists' Club. JINR Cinema Club
- <u>25 September 2022</u>, at 5:00 PM. JINR Cultural Centre "Mir". III Concert of the cycle "Acquaintance through music. Musical heritage of the JINR Member States"
- 28 September 9 October 2022, daily from 1:00 to 7:00 PM (except Monday). JINR Cultural Centre "Mir". Exhibition of miniature paintings
- 29 September 2022, at 7:00 PM. JINR Universal Public Library. Book club "Summer Reading List": discussing the book "Surely You're Joking, Mr. Feynman!" by Richard Feynman
- 29 September 2022, at 6:30 PM. JINR Universal Public Library. Jazz talk concert

For Kids

 24 September 2022, at 12:30 PM. JINR Universal Public Library. Let's READers

Sports

• **25 September 2022**, Archimedes Swimming Pool. 53rd traditional track and field run in memory of Academician V. I. Veksler

ALL JINR EVENTS →

© Joint Institute for Nuclear Research

Joliot-Curie str 6, Dubna, Moscow region, Russia, 141980



press@jinr.int