



## JINR Newsletter #3, 25 January 2024

Dear colleagues and friends,

Programme Advisory Committees continue to work at the Joint Institute for Nuclear Research. In the latest issue of the JINR Newsletter, we will present the results of the PAC for Particle Physics, as well as the topics of today's PAC for Condensed Matter Physics and the upcoming PAC for Nuclear Physics.

The annual International Seminar on Interaction of Neutrons with Nuclei (ISINN-30), organized with the participation of Egyptian research organizations, is dedicated to neutron physics. Registration for the 30th seminar of this series is now open.

These and other JINR news are in this issue of the JINR Newsletter.

JINR Press Office



## Advisory Bodies

### PAC for Particle Physics: NICA Project - achievements and plans for new Seven-year Period

On 22 January, the 59th meeting of the Programme Advisory Committee for Particle Physics took place in Dubna. The NICA Accelerator Complex Project was a key topic of the event. Participants considered reports on the implementation of current projects, as well as proposals for the opening of new ones and extension of projects being completed.



[READ MORE →](#)

[WATCH →](#)

### 58th meeting of PAC for Condensed Matter Physics

On 25 January, the 58th meeting of the JINR Programme Advisory Committee for Condensed Matter Physics have taken place in Dubna. Progress reports on the status of FLNP research infrastructure projects, scientific reports, and presentations by young scientists have been delivered at the event.

[READ MORE →](#)

### 58th meeting of PAC for Nuclear Physics

On 29 - 30 January, the 58th meeting of the JINR Programme Advisory Committee for Nuclear Physics will take place in Dubna. Participants will hear reports on the plans of work on themes and projects within the JINR Topical Plan, scientific reports, and reports of young scientists of the Laboratory of Neutron Physics at JINR.

[READ MORE →](#)

## Conferences

### 31st Conference "Mathematics. Computing. Education": multidisciplinary unites

On 22 - 26 January, Dubna State University is hosting the 31st International Conference "Mathematics. Computing. Education". As always, the Joint Institute is one of its organizers. Employees of three laboratories of the Institute are speakers of the event.

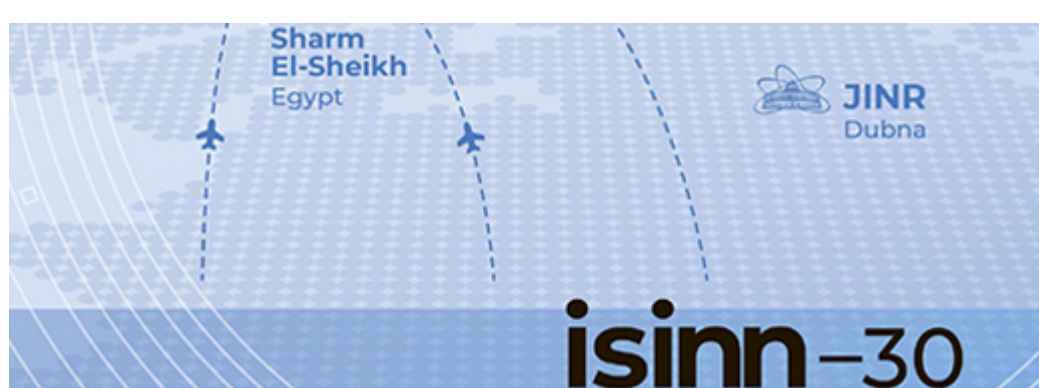


[READ MORE →](#)

## Announcements

### Registration for ISINN-30 opens

From 14 to 18 April 2024, the 30th International Seminar on Interaction of Neutrons with Nuclei (ISINN-30) will take place in Sharm El Sheikh, Egypt. Registration will be open until 1 March (10 February for participants from JINR) [via the link](#).



[READ MORE →](#)

### Call for applications for prize competition of Governor of Moscow Region

The Ministry of Investment, Industry and Science of the Moscow Region has announced the start of the competition for the annual prizes of the Governor of the Moscow Region. You can apply until 20 February.

[READ MORE →](#)

### Join football tournament!

Until 1 February, everyone can put together a team and participate in a football tournament as part of the 25th JINR Sports Games. The games will take place on 8 February – 26 March. For any questions please contact Alexey Kudashkin ([akudashkin@jinr.ru](mailto:akudashkin@jinr.ru)) or Valery Pashinsky ([vpashinsk@gmail.com](mailto:vpashinsk@gmail.com)).

[READ MORE →](#)

## Publications

### The search for spontaneous fission from <sup>250</sup>No isomeric state via prompt neutron multiplicity distribution analysis

The JINR Publishing Department has issued a preprint "The search for spontaneous fission from <sup>250</sup>No isomeric state via prompt neutron multiplicity distribution analysis". The authors are Roman Mukhin et al.

[READ MORE →](#)

## Media

### PAC for Particle Physics: NICA Project – progress and new plans

We offer you to watch a video about the 59th meeting of the Programme Advisory Committee for Particle Physics that took place on 22 January.

[WATCH →](#)

### Khazar University: always leading the way!

On 23 January, at DLNP at JINR, representatives of Khazar University (Baku, Azerbaijan) Hamlet Isayev, Soodabeh Davaran, and Farida Tatardar made a presentation on the activities of the organization. We invite you to watch the record of the seminar.

[WATCH →](#)

### About upcoming expedition of Baikal-GVD Project

February is coming, and so is a regular expedition of the Baikal-GVD international project on Lake Baikal. The head of the collaboration Grigory Domogatsky and its participant Maxim Sorokovikov, a DLNP JINR employee, spoke about the history and status of the project in the new episode of the *Black Holes. White Spots* programme.



[WATCH →](#)

### VBLHEP seminar record

We invite you to watch a record of the seminar "Spin Physics Detector (SPD) at the NICA Collider" by Alexander Korzenev.

[WATCH →](#)

### Video about past week JINR events

We offer you to watch a video review of recent events from the life of the Institute.

[WATCH →](#)

### JINR Weekly Newspaper issued

A new issue of the JINR Weekly Newspaper #3 has been published. Please note that you can read an English version on the JINR Newspaper's website.

[READ MORE →](#)

## Upcoming Events

### Advisory and Governing Bodies

- [29 – 30 January, 9:30 AM, 58th Meeting of the Programme Advisory Committee for Nuclear Physics, JINR International Conference Centre, Dubna](#)

### Conferences

- [22 – 26 January, 11:00 AM, 31st International Conference "Mathematics, Computing, Education", Dubna State University, Dubna](#)
- [29 January – 3 February, 18th International DIAS-BLTP Winter School "Many-particle systems: from quarks to stars", Laboratory of Theoretical Physics, JINR, Dubna](#)

### Seminars

- [29 January, 11:00 AM, BLTP Journal Club, "Crossover from integer to fractional quantum Hall Effect" by Kaushal Kumar Kesharpur](#)
- [30 January, 11:00 AM, BLTP, "Alignment and orientation of linear molecules by two-color trapezoidal laser pulses" by Evgeny Koval](#)
- [31 January, 11:00 AM, DLNP, "Direct measurement of solar pp-neutrino flux in the Borexino experiment" by Oleg Smirnov](#)
- [31 January, 3:00 PM, MLIT, "Algorithms and software for charged particle trajectories reconstruction in detector systems upstream of the analysing magnet and ion identification in the SRC Experiment at BM@N" by Vasiliya Lenivenko](#)

### Culture

- [4 December 2023 – 2 February 2024, daily from 2:00 PM to 6:00 PM \(except Monday\), JINR Scientists' Club, Olga Trifonova, Art exhibition](#)
- [29 December 2023 – 27 January 2024, daily from 11:00 AM to 8:00 PM \(except Sunday\), Saturday from 12:00 PM to 6:00 PM, JINR Universal Public Library, Exhibition by Mikhail Kozlov and Leonid Vecherovsky](#)
- [16 January – 18 February, daily from 1:00 to 7:00 PM, JINR Cultural Centre "Mir", Edges of graphics exhibition](#)
- [25 January, 7:00 PM, JINR Cultural Centre "Mir", "Interview with Vysotsky" concert-performance](#)
- [26 January, 6:00 PM, JINR Universal Public Library, JINR Cinema Club](#)
- [25 January, 7:00 PM, JINR Universal Public Library, Hairpin book club](#)
- [26 January, 7:00 PM, JINR Scientists' Club, Jazz concert](#)
- [27 January, 6:00 PM, JINR Scientists' Club, Guttenberg's Smoking Room meeting](#)
- [30 January, 7:00 PM, JINR Universal Public Library, Genealogical club's meeting](#)

### For Kids

- [26 January, 6:00 PM, JINR Universal Public Library, "Fiction from the third desk" for teenagers](#)
- [27 January, 1:00 PM, JINR Universal Public Library, Meeting of debating club for teenagers](#)
- [27 January, 5:00 PM, JINR Universal Public Library, "Let's READers" and "Fiction from the third desk"](#)

[ALL JINR EVENTS →](#)