



**JOINT INSTITUTE  
FOR NUCLEAR  
RESEARCH**

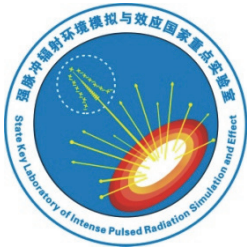
# ISINN-28

May 24 - 28, 2021

**Online**



**Frank Laboratory of Neutron Physics  
JINR, Russia**



**State Key Laboratory of Intense Pulsed  
Radiation Simulation and Effect  
NINT, China**

## **28 International Seminar**

### **on Interaction of Neutrons with Nuclei:**

«Fundamental Interactions & Neutrons, Nuclear Structure,  
Ultracold Neutrons, Related Topics»

[isinn.jinr.ru](http://isinn.jinr.ru)

**2nd Circular**

- The Frank Laboratory of Neutron Physics (FLNP) of the Joint Institute for Nuclear Research (JINR) and
- the State Key Laboratory of Intense Pulsed Radiation Simulation and Effect (SKLIPRSE) of Northwest Institute of Nuclear Technology (NINT)

are co-organizing the **28 International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-28)**.

ISINN-28 continues the tradition of the annual workshops and seminars in the field.

It will be held from **May 24 to May 28, 2021 in On-line mode**.

All participants from China are going to meet in Xian and will present their reports from there.

We are going to use **VooV Meeting** software (<https://voovmeeting.com>) and ask all potential participants to test it in advance.

The Seminar language is **ENGLISH**.

The expected number of participants is about 130.

## **PROGRAM PROFILE**

- ✓ Fundamental properties of the neutron
- ✓ Fundamental interactions & symmetries in neutron induced reactions
- ✓ Properties of compound states, nuclear structure
- ✓ Intermediate and fast neutron induced reactions
- ✓ Gamma-decay of excited states
- ✓ Nuclear fission
- ✓ Nuclear data for applied and scientific purposes
- ✓ Neutron detection & Methodical aspects
- ✓ Physics of ultracold neutrons (UCN)
- ✓ Nuclear and related analytical techniques in environmental and material sciences
- ✓ ADS Studies
- ✓ Neutron radiation effects
- ✓ Nuclear reactor physics
- ✓ Radiation transportation and simulation
- ✓ Advanced neutron sources and perspective experiments

## **REGISTRATION & PAYMENT**

Registration is open on the seminar website. Registration deadline is April 30, 2021.

Registration fee is not expected for on-line participants.

## **ISINN-28 AGENDA**

The format of the Seminar features four types of presentations: keynote speech, invited talks, oral contributions, and posters.

Keynote speakers will be invited by the Organizing Committee, while invited talks and oral contributions will be selected from the abstract pool through internal reviews.

The seminar program will be formed based on the results of the received applications after May 10. Formal invitations for invited talks and oral contributions will be sent after May 10 or earlier on request. It is planned that the working time of the seminar will be from Monday to Friday from 9 am to 6 pm Moscow time.

Poster sessions will be held at the end of each working day.

## ABSTRACTS AND PROCEEDINGS

All reports will be reviewed on the basis of abstracts and the abstracts will be published on the seminar website before the event.

All authors are expected to prepare their abstracts following the instructions at [isinn.jinr.ru/proceedings.html](http://isinn.jinr.ru/proceedings.html) and send them to Dr. Liudmila Mitsyna [mitsyna@nf.jinr.ru](mailto:mitsyna@nf.jinr.ru) before April 30, 2021.

Collection of accepted abstracts will be published at the Seminar website.

All poster reports should be sent to Organizing Committee before May 20 to upload them to the Seminar website.

The collection of reports will be published as traditional hard copy Seminar Proceedings by limited edition and at the seminar website (previous issues can be found at [isinn.jinr.ru/proceedings.html](http://isinn.jinr.ru/proceedings.html))

## ORGANIZING COMMITTEE

<b>Co-Chairmen:</b>	Prof. Shvetsov Valery (JINR, Russia)	Prof. Hei Dongwei (NINT, China)
<b>Directors of the</b>	Furman Walter (JINR, Russia)	Qiu Mengtong (NINT, China)
<b>Organizing Committee:</b>		
<b>Scientific secretaries:</b>	Lychagin Egor (JINR, Russia)	Shi Quanlin (NINT, China)
<b>Committee members:</b>	Kopatch Yurii (JINR, Russia)	Wang Sheng (XJTU, China)
	Sedyshv Pavel (JINR, Russia)	Sheng Liang (NINT, China)
	Mitsyna Liudmila (JINR, Russia)	Li Zhiming (NINT, China)
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	Zinicovscaia Inga (JINR, Russia)	Yang Hailiang (NINT, China)
		Song Zhaohui (NINT, China)
		Weng Xiufeng (NINT, China)
		Guo Ning (NINT, China)

## LOCAL JINR SECRETARIAT

Seminar Coordinator: Donskova Tatiana (ICD, JINR)  
Pikelner Tatyana (FLNP, JINR)  
Kopach Elena (FLNP, JINR)

## CONTACT ADDRESSES

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