



# 31st International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-31)

Monday, 26 May 2025

## Plenary Session - Exhibition Hall (09:00 - 10:30)

-Conveners: Yuri Kopatch

time	[id] title	presenter
09:00	[614] Welcome Speech	
09:30	[619] The Status of CSNS	WANG, Sheng
10:00	[103] Experimental Infrastructure of the Frank Laboratory of Neutron Physics for Research	LYCHGAIN, Egor

## Plenary Session - Exhibition Hall (11:00 - 12:30)

-Conveners: Tianjiao Liang

time	[id] title	presenter
11:00	[723] Progress on Neutron-Induced Nuclear Fission	GE, Zhigang
11:30	[124] Experimental Study of Parity and Time-Reversal Symmetries in Polarized Epithermal Neutron Optics	SHIMIZU, Hirohiko M.
12:00	[877] Recent Advances of the (n, cp) Reaction Measurements	ZHANG, Guohui

## Plenary Session - Exhibition Hall (14:00 - 15:40)

-Conveners: Hirohiko M. Shimizu

time	[id] title	presenter
14:00	[70] Review of Recent Activities on the Tagged Neutron Method at FLNP JINR	KOPATCH, Yuri
14:30	[52] Two-Wave Acceleration Effect and Ultra-Sensitive UCN Spectrometry	FRANK, Alexander
15:00	[73] Modeling the Neutron Whispering Gallery to Search for New Short Range Forces	PIOQUINTO, Jason
15:20	[75] The Neutrino Electron Correlation Coefficient in Neutron Beta Decay	BAESSLER, Stefan

## Plenary Session - Exhibition Hall (16:10 - 17:10)

-Conveners: Zhigang Ge

time	[id] title	presenter
16:10	[8] Introduction to Neutron Activation Analysis at the IBR-2 Reactor, FLNP JINR	ZINICOVSCAIA, Inga
16:30	[878] Neutronic Characteristics of Metal Hydride Moderators and Their Applications in Microreactors	WANG, Lipeng

16:50	[879] Energetic Dependence of Neutron-Induced Single Event Upsets, and Its Impact on Atmospheric Neutron SER Prediction	QI, Chao
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## Friday, 30 May 2025

### Plenary Session - Exhibition Hall (09:00 - 10:30)

-Conveners: Ruirui Fan

time	[id] title	presenter
09:00	[721] Progress of DBNCT	LIANG, Tianjiao
09:30	[726] Progress in Advanced Accelerator Driven Nuclear Energy System	HE, Yuan
10:00	[164] Laser-Driven Compact High-Flux Ultrafast Neutron Sources	YU, Tongpu

### Plenary Session - Exhibition Hall (11:00 - 12:20)

-Conveners: Inga Zinicovscaia

time	[id] title	presenter
11:00	[85] Project of High-Brilliance UCN Source at FLNP JINR	KULIN, German
11:20	[125] Development of In Situ Sample Environment Technology for Neutron Scattering at CSNS	HU, Haitao
11:40	[126] Setting Up High-Energy Polarized Neutron at the China Spallation Neutron Source	WANG, Tianhao
12:00	[21] Current Status and Experiments of the Back-n White Neutron Facility	FAN, Ruirui