Session Program

24–30 May 2026



32nd International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-32)

Coffee break+ Poster session #2

Wednesday 27 May

15:05

Coffee break+ Poster session #2

Session

15:05–15:07 **The process opposite to the radiative neutron β-decay**

Speaker
Rashid Khafizov

15:07–15:09 **Software for neutron data processing at CSNS**

Speaker
Rong Du

15:09–15:11
COMSOL®-aided design of an adiabatic neutron spin flipper in a spatially varying magnetic field for resonance neutrons

Speaker
Rustam Akmaletdinov

15:11–15:13
Determination of magnesium and aluminum by neutron activation using the WWR-K nuclear reactor

Speaker
Svetlana Lennik

15:13–15:15
Phytoremediation potential of Eichhornia crassipes for heavy metal removal from industrial wastewater assessed by TXRF

Speaker
Thi Minh Sang Nguyen

15:15–15:17 **Metal contents in green algae (Ulva lactuca) from coastal water of Nha Trang bay**

Speaker
Tien Doan

15:17–15:19
Investigation of low-lying resonances of 79Br, 81Br and 35Cl at the modernized prototype “Gamma facility”

Speaker
Valery Kuznetsov

15:19–15:21
Application of true coincidence summing coefficients in gamma-ray spectrometry for correcting radionuclide activity values and for constructing detector efficiency calibration curve

Speaker
Vladimir Galustov

15:21–15:23 **Drought-resistant rice mutants induced by ionizing radiation: agronomic**

Speaker
Yulia Aleksiayenak

15:23–15:25 **Development of structured B_4C-coated cathodes for thermal neutron detectors**

Speaker
A. Ovodov

15:25–15:27 **Development of a position-sensitive scintillation detector based on ^{6}LiF/ZnS using SiPMs**

Speaker
A. Ovodov

15:27–15:29 **Analysis of the power feedback of the IBR-2M reactor**

Speaker
Валентина Верхоглядова

15:29–15:31
Investigation of the elemental composition of the state standard samples SCH-1 and SLg-1 according to the certification program of the A.P. Vinogradov Institute of Geochemistry SB RAS by neutron activation analysis at the IBR-2 reactor and IREN facility (JINR, Russia) and the WWR-K reactor (INP, Kazakhstan)

Speaker
Ekaterina Zhukova

15:31–15:35 **Role of odd-parity α+t states in the 6Li(n,t)4He reaction at 3-5 MeV**

Speaker
Sansarbayar Enkhbold

15:35–15:37
Development of ionization chambers for measuring (n,p) and (n,α) cross sections at the IREN facility

Speaker
Yu. M. Gledenov

15:37–15:39 **Energy resolution performance of liquid scintillator detection systems**

Speaker
Shakir Zeynalov

15:39–15:41
Simulation of radiation transport for determining efficiency and crosstalk in the multidetector scintillation system ENGREN

Speaker
Olga Sidorova

15:41–15:43 **LiF(Ti) single crystals as scintillation detectors for thermal neutron registration**

Speaker
Nelli Pukhaeva

15:43–15:45
Method for describing triple angular correlations in inelastic scattering of a particle on a nucleus with subsequent gamma emission

Speaker
Polina Filonchik

15:45–15:47
Conversion of the Monte-Carlo neutron transport program code ‘SHIELD’ to work together with the 299-group cross sections of neutron-nucleus interactions ‘ABBN-93’

Speaker
Dr Denis Khliustin

15:47–15:49
Geant4 validation of a dual-HPGe coincidence spectrometer using the Cl35(n,γ)Cl36 cascade

Speaker
Hai Nam Tran

15:49–15:51 **System of thermal stabilization of BGO scintillation detectors**

Speaker
Aleksey Lihachev

15:51–15:53 **Search and analysis of the double hit events in the study of (γ,f) reactions**

Speaker
Thembi Vilane

16:05