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)

Neutron Induced Reactions & ADS

Tuesday 26 May

09:00

Neutron Induced Reactions & ADS

Session | **Location:** (Green Hall, 1st floor)

09:00–09:25

(Invited talk) Development and optimization of plastic scintillators and perovskite composite films for neutron-gamma discrimination

Speaker
Fei Li

09:25–09:45

Progress in neutron capture cross section measurement at University of South China

Speakers
Xinxiang Li, □□□

09:45–10:05

New measurement of neutron scattering cross sections at the GNEIS spallation facility

Speaker
Pavel Prusachenko

10:05–10:25

Measurement of the ^{45}Sc(n,γ) cross section at the CSNS Back-n facility

Speaker
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10:25–10:45

Neutron-gamma angular correlations in nuclear reactions: 252Cf(sf), 235U(n,f) and 9Be(α,n)12C

Speaker
Polina Filonchik

10:45

11:05

Neutron Induced Reactions & ADS

Session | **Location:** Green Hall, 1st floor

11:05–11:30

(Invited talk) A database of gamma-ray emission cross-sections for 14.1 MeV neutron-induced reactions

Speaker
Nikita Fedorov

11:30–11:50

Measurements of the gamma-ray emission cross sections and angular distributions from (n,xγ) reactions with 14.1 MeV neutrons

Speaker
Dimitar Grozdanov

11:50–12:10

Experimental study of the (nres,γ) reaction on the 175Lu nucleus

Speaker
Daniyar Berikov

12:10–12:30
Measurement of holmium-165 spectra at the INES TOF spectrometer of the spallation neutron source RADEX

Speaker
Dr Denis Khliustin

12:30

14:00

Neutron Induced Reactions & ADS

Session | **Location:** Green Hall, 1st floor

14:00–14:25 **(Invited talk) Progress in the neutron total cross-section measurement at CSNS Back-n**

Speaker
Yonghao Chen

14:25–14:45 **Light-nucleus (n,n'α) reactions within the Faddeev framework in momentum space**

Speaker
Mikhail Egorov

14:45–15:05 **Exploring double-differential neutron scattering cross sections at CSNS Back-n**

Speaker
min xiao

15:05–15:25 **Cross sections of the 16O(n,α0)13C reaction in the MeV neutron energy region**

Speaker
Igor Chuprakov

15:25

16:25

Neutron Induced Reactions & ADS

Session | **Location:** Green Hall, 1st floor

16:25–16:50
(Invited talk) Some features of ADS, comparisons, limitations and potential place in the nuclear energy system

Speaker
Stanislav Sidorkin

16:50–17:10 **Requirements of neutron induced nuclear reaction data for ADS neutronics study**

Speaker
Neng Pu

17:10–17:30
Experimental approach for studying the energy efficiency of various beams in subcritical reactors

Speaker
Mihaela Paraipan

17:30