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 & Analysis and calculations

Tuesday 26 May

09:00

Neutron induced reactions & Analysis and calculations

Session | **Location:** Main Hall, 3d floor

09:00–09:25 **(Invited talk) Current status and experiments of the Back-n white neutron facility**

Speaker
Ruirui Fan

09:25–09:45
Shielding integral experiments of bismuth slabs and spheres for nuclear data-library validation under multi-spectrum sources

Speaker
Shiyu Zhang

09:45–10:05
(Online) Hydrogen redistribution analysis and neutron imaging measurement for UZrHx reactor

Speaker
Lipeng Wang

10:05–10:25 **Is the narrow asymmetric fission of 180Hg a new type of fission?**

Speaker
Nicolae Carjan

10:25–10:45
Description of the ternary fission characteristics of actinide nuclei with the emission of light charged particles

Speaker
Yana Otvodenko

10:45

11:05

Neutron induced reactions & Analysis and calculations

Session | **Location:** Main Hall, 3d floor

11:05–11:30
(Invited talk) First extraction neutron capture cross sections for unstable nuclei 88Y and 153,159Gd

Speaker
Wen Luo

11:30–11:50 **Study of contributions from interaction reactions of fast neutrons with 101B**

Speaker
Stanislav Potashev

11:50–12:10
Cross section measurement for the 19F(n,α)16N and 20Ne(n,α)17O reactions in the MeV region

Speaker
Wenkai Ren

12:10–12:30 **Photoactivation measurements of natural Sn and Sb**

12:30

Speaker
Miodrag Krmar