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 properties & UCN

Monday 25 May

14:00

Neutron properties & UCN: Neutron properties & UCN

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

14:00–14:25 **(Invited talk) The acceleration effect: where we are**

Speaker
Alexander FRANK

14:25–14:45 **Status of Neutrino4+ setups at SM-3 reactor**

Speaker
Rudolf Samoilov

14:45–15:05
Recent parity violation measurement using the GTAF BaF2 γ-spectrometer on the CSNS Back-n beamline

Speaker
Mofan Zhang

15:05–15:25 **Flipper prototype of the UCN source decelerator**

Speaker
Vladimir Kurylev

15:25

16:00

Neutron properties & UCN: Neutron properties & UCN

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

16:00–16:25 **(Invited talk) On the ultracold neutron production at pulsed sources**

Speaker
Yuri Pokotilovski

16:25–16:45 **Ultracold neutron source based on superfluid helium for the PIK reactor**

Speaker
Vitaliy Lyamkin

16:45–17:05 **Fabry-Pérot filters in neutron optics**

Speaker
Виктория Шпилевская

17:05–17:25
On the trapping of cold neutrons in nano-scaled Fabry-Perot resonating cavities & Neutron lifetime considerations

Speaker
Malik Maaza

17:45