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)

Fission

Friday 29 May

09:00

Fission: Fission

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

09:00–09:25

(Invited talk) Study of dynamical and entrance channel effects in heavy ion fusion fission reactions

Speaker
AJAY KUMAR

09:25–09:45

Mass–total kinetic energy correlations in the fusion–fission of the compound nucleus 206Rn

Speaker
Punit Dubey

09:45–10:05

Analysis of angular anisotropy of fragments in fission of Pu isotopes by low and medium energy neutrons

Speaker
Alexey Barabanov

10:05–10:25 **Disentangling pre-fission and post-fission neutrons in 238U(p,F) reaction**

Speaker
Vladimir Maslov

10:25–10:45 **Prompt neutron emission from spontaneous fission of superheavy elements**

Speaker
Andrey Isaev

10:45

11:05

Fission: Fission

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

11:05–11:30

(Invited talk) Status of the (γ,f) reactions research at the microtron beam in FLNR. Search and analysis of the double hit events in the study of (γ,f) reactions

Speaker
Dmitry Kamanin

11:30–11:50 **Experimental evidences of new modes of collinear cluster tri-partition (CCT)**

Speaker
Yury Pyatkov

11:50–12:10

Cluster states in fission fragments and their decay under the influence of the Coulomb field of foil nuclei

Speaker
Farrukh Otakhonov

12:10–12:30 **Formation of spin distributions of fragments in collinear ternary fission of actinide nuclei**

Speaker
Pavel Kostryukov

12:30

14:00

Fission: Fission

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

14:00–14:25
(Invited talk) Absolute yield measurement of the long-range alpha particles in ternary fission of 235U induced by 3.2 MeV neutrons using a twin-gridded ionization chamber

Speaker
Zepeng Wu

14:25–14:45
Empirical systematics for spontaneous fission and alpha-decay half-lives of heavy and superheavy nuclei

Speaker
Nikita Moiseev

14:45–15:05 **Generation of angular momentum in spontaneous fission of 252Cf**

Speaker
Azam Rahmatinejad

15:05–15:25
Distributions of orbital angular momenta and intrinsic spins of fission fragments of actinide nuclei

Speaker
Julia Shcherbina

15:25–15:45 **Description of the characteristics of triple collinear fission of actinide nuclei**

Speaker
Станислав Ключников

15:45