Session Program

June 29, 2026 to July 10, 2026

DIAS International School "Nuclear Dynamics: from Stars to Colliders"

Student talks

BLTP, Bogoliubov hall

Tue, June 30

6:00 PM

Student talks: 1

Session | **Location:** BLTP, Bogoliubov hall

6:00 – 6:20 PM **The field of a point charge in a gravitational wave**

Speaker
Mrs Taya Booth

6:20 – 6:40 PM **Pion off-shell form factors**

Speaker
Mikhail Slautin

6:40 PM

Wed, July 1

6:00 PM

Student talks: 2

Session | **Location:** BLTP, Bogoliubov hall

6:00 – 6:20 PM **Discovery of the new shape isomers in the middle heavy nuclei in FLNR (JINR)**

Speaker
Mr Binh An Le

6:40 PM

Mon, July 6

5:45 PM

Student talks: 3

Session | **Location:** BLTP, Bogoliubov hall

5:45 – 6:05 PM **Skyrme-type energy density functional with a surface-peaked effective mass**

Speaker
Dmitrij Smolannikov

6:05 – 6:25 PM

Empirical systematics for spontaneous fission and alpha-decay half-lives of heavy and superheavy nuclei

Speaker
Никита Моисеев

6:25 – 6:45 PM **Gamma de-excitation of 90mZr isomer**

Speaker
Михаил Косарев

6:45 PM

Tue, July 7

5:55 PM

Student talks: 4

Session | **Location:** BLTP, Bogoliubov hall

5:55 – 6:15 PM **Fission properties of ^{234}U and ^{180}Hg**

Speaker
Jin-Tian Liu

6:15 – 6:35 PM **Fission barriers of superheavy nuclei**

Speaker
Yi-Ming Jiang

6:35 – 6:55 PM
Analytical approach to the generation of angular momentum in spontaneous fission fragments

Speaker
Никита Рыжков

6:55 PM

Thu, July 9

5:55 PM

Student talks: 5

Session | **Location:** BLTP, Bogoliubov hall

5:55 – 6:15 PM **Neural network ensembles for no-core shell model extrapolation**

Speaker
Roman Sharypov

6:15 – 6:35 PM **Iterative perturbative treatment of nonlocality in nucleon-alpha scattering systems**

Speaker
Dewang Sukhadare

6:35 PM