

Session Program

15–20 Sept 2025



XXVIth International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Applied use of relativistic beams

VBLHEP JINR

Tuesday 16 September

14:00

Applied use of relativistic beams

Session | Location: VBLHEP, LHEP-215/NICA Hall - NICA Hall | Convener: Andronov, Evgeny

14:00–14:20

IMPORTANCE OF THE NEUTRON MODERATORS FOR NEUTRON INDUCED REACTIONS PLACED IN MASSIVE SPALLATION TARGET AND NUCLEAR FUEL IN ADS

Speaker

Mr Gushterski, Rumen

14:20–14:40

Analysis of $\alpha_S(q^2)$ of π^- mesons and protons from π^- C interactions at 40 GeV/c and pp interactions at 205 GeV/c

Speaker

Mr Baatar, Otgongerel

14:40–15:00

Study of the running coupling constant of π^- mesons and protons from p+p and p+C interactions at 10 GeV/c

Speaker

Khishigbuyan, Narankhuu

15:00–15:20

Study of the running coupling constant of π^- mesons and protons from π^+ and π^- interactions at 4.2 GeV/c

Speaker

Murdorj, Urangua

15:40