Session Program

30 September 2026 to 2 October 2026

ARIADNA Collaboration Meeting

Session # 5

JINR International Conference Centre
Stroiteley Str. 2, 141980 Dubna, Moscow Region, Russia

Friday 2 October

11:30

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Session | **Location:** JINR International Conference Centre, Stroiteley Str. 2, 141980 Dubna, Moscow Region, Russia

11:30–11:42

Effect of irradiation on the mechanical and thermo-oxidative properties of ultra-high molecular weight polyethylene–boron (UHMWPE–Boron) composites

Speaker
Liydmila Novokshonova

11:45–11:57

On the feasibility of irradiating samples with high-energy ions in a controlled atmosphere

Speaker
Mikhail Larichev

12:00–12:12

Investigation of radiation-induced effects in composite thermal control coatings and single-crystal laser materials

Speaker
Vachagan Haroutunian

12:15–12:27

Study of radiation effects in metastable antiferromagnetic compounds modified by ^{124}Xe ions beam

Speaker
Vadim Efimov

12:30–12:42

Investigation of radiation-induced changes in the morphology and optical properties of multilayer polyethylene films irradiated with a beam of accelerated heavy xenon ions with an energy of 1.6 GeV/nucleon at the NICA accelerator complex

Speaker
Mikhail Mikhailov

12:45–12:57

Perovskite $CsPbBr_3$ quantum dots: an atomic force microscopy study

Speaker
Elizaveta Khanukaeva

13:00