Session Program

30 September 2026 to 2 October 2026

ARIADNA Collaboration Meeting

Session # 3

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

Thursday 1 October

16:30

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

16:30–16:42

Analysis and prediction of the properties of HTS composites with radiation-induced pinning centers

Speaker
Sergey Pokrovskii

16:45–16:57

Influence of Xe irradiation with energy 167 MeV on the vortex structure behavior of the 2G HTS wires

Speaker
Pavel Degtyarenko

17:00–17:12

Key results and future plans for irradiation of second-generation HTS materials at JINR facilities

Speaker
Mikhail Novikov

17:15–17:27

Diagnostic information for proton tomography obtained using a digital tracking calorimeter based on silicon pixel sensors

Speaker
Vitaly Petrov

17:30–17:42 **Preliminary study on the design of the lead target for experimental investigation of ADSR**

Speaker
Azizbek Abduvaliev

17:45–17:57 **Research in the field of nuclear physics at Yerevan State University**

Speaker
Anahit Balabekyan

18:00–18:12

Investigation of the effect of high-energy particles on the surface of germanium and silicon single crystals

Speaker
Ivan Kaplunov

18:15