

Session Program

15-21 Jun 2025



ASRP 2025 - Alpik School for Radiation Physics

Oral Session S20-4

Yerevan
IAPP NAS RA - Yerevan, Armenia

Friday 20 June

16:40

Oral Session S20-4

Session | **Location:** Gyumri | **Convener:** Pavel Karataev

16:40–17:00

Radiation Resistance of Willemite Samples Irradiated with Electron and Proton, Geant4 Simulations

Speaker

Anush Badalyan

17:00–17:20

Features of Channeling and Spontaneous Radiation of Electrons in the Main Crystallographic Planes of a Barium Titanate Crystal in the Cubic Phase

Speaker

Anastasiia Stakhova

17:20–17:40

Photoionization cross section of hydrogen-like donor impurity in CdSe nanoplatelets

Speaker

Manvel Manvelyan

17:40–18:00

Terahertz optical transitions in an asymmetric ellipsoidal GeSi QD containing few-particle hole gas in the presence of a magnetic field

Speaker

Aram Nahapetyan

18:00–18:20

Preparation of liquid crystal elastomers and study of their mechanical and optical properties

Speaker

Mane Harutyunyan

18:20