

Session Program

29 June 2026 to 3 July 2026



5th DRD3 week on Solid State Detectors R&D

WG5

Institute of Space Science & National Institute of Materials Physics
National Institute of Statistics

Thursday 2 July

10:30

WG5

Session |

Location: Institute of Space Science & National Institute of Materials Physics, National Institute of Statistics

10:30–10:40 **WG5 Introduction**

10:40–11:00 **Laser based technique for shot noise measurement**

Speaker

Marko Puklavec

11:00–11:20

Transformer-Based ML Reconstruction of Position and Time in SiC AC-LGAD Sensors

Speaker

Chengxi Yang

11:20–11:40

Effects of temperature and optical excitation on the spectroscopic properties of ion-irradiated 4H-SiC detectors

Speaker

Mauricio Rodriguez Ramos

11:40–12:00

Research on Alpha Detection of Hydrogen-Boron Reaction Based on SiC Detector

Speaker

Suyu Xiao

12:00–12:20

A General Purpose High-Frequency Readout Board

Speaker

Stefan Gundacker

12:20–13:00

Discussion

Speaker

Prof. Ivan Vila Alvarez

13:00