

Session Program

10-14 Nov 2025

4th DRD3 week on Solid State Detectors R&D

WG6/WP3 - Wide bandgap detectors

CERN, 6/2-024 - BE Auditorium Meyrin

Thursday 13 November

14:40

WG6/WP3 - Wide bandgap detectors: Scientific Presentations and WP3 project proposals

Session | Location: CERN, 6/2-024 - BE Auditorium Meyrin

14:40-15:00 **Update on SICAR**

Speaker

Xiyuan Zhang

15:00-15:20 **SiC LGAD Edge Termination via Controlled Ion-Implantation Damage**

Speaker

Ben Sekely

15:20-15:40

First Results from the Second Planar Run of the RD50-SiC-LGAD Common Project

Speaker

Sebastian Onder

15:40-16:10 **Coffee Break**

16:10-16:30

Improving spatial and temporal resolution of 3D diamond detectors using TPA characterisation and neural network

Speaker

Huazhen Li

16:30-16:50

Edge Transient-Current Technique Investigation of Single-crystalline CVD Diamond

Speaker

Chen Xie

16:50-17:10

Response of diamond radiation detectors operated at high electric fields

Speaker

Georgios Provatas

17:10-17:30

Temperature-Dependent Electrical Characterization of GaN Homoepitaxial Schottky Diodes for Radiation Detection

Speaker

Jack Nickson

17:30-17:50

Impact of neutron irradiation on carrier dynamics in high-quality epitaxial GaN

Speaker

Tomas Ceponis

18:40