

Session Program

10-14 Nov 2025

4th DRD3 week on Solid State Detectors R&D

WG4 Simulations

CERN, 6/2-024 - BE Auditorium Meyrin

Thursday 13 November

09:00

WG4 Simulations

Session | **Location:** CERN, 31/3-004 - IT Amphitheatre | **Conveners:** Marco Mandurrino, Håkan Wennlöf

09:00–09:20 **RASER simulation of 4D tracking detectors**

Speaker

Chenxi Fu

09:20–09:40

Multiscale Simulation of Irradiation-Induced Defect Evolution in EPI silicon LGADs

Speaker

Wei Li

09:40–10:00

Garfield++: New Features and Ongoing Development

Speaker

Djunes Janssens

10:00–10:20

A TCAD Simulation Framework for DLTS-based Defect Characterisation in Solid-State Particle Detectors

Speaker

Tommaso Croci

10:20–10:40

Simulations of the Monolithic Active Pixel Sensors for the OCTOPUS Project

Speaker

Anastasiia Velyka

10:40–11:00

WG4 - Updates and Discussion & Recording of the Simulation Session

Speakers

Håkan Wennlöf, Marco Mandurrino

11:00