

Session Program

29 June 2026 to 3 July 2026



5th DRD3 week on Solid State Detectors R&D

WG4

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

Monday 29 June

16:00

WG4: Simulations

Session |

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

Conveners: Håkan Wennlöf, Marco Mandurrino

16:00–16:20

RASER Simulation of 4D Tracking Solutions

Speaker

Chenxi Fu

16:20–16:40

A surface simulator for resistive silicon detectors

Speaker

Nicolo Cartiglia

16:40–17:00

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

Speaker

Tommaso Croci

17:00–17:20

TCAD simulations of AC-LGAD sensors: Impact ionization models and influence of temperature

Speaker

Dr Timo Hannu Tapani Peltola

17:20–17:40

WG4 - Updates and Discussion

Speakers

Håkan Wennlöf, Marco Mandurrino

18:00