

Session Program

28 November 2023 to 1 December 2023



Last (43rd) RD50 Workshop on Radiation Hard Semiconductor Devices for Very High Luminosity Colliders (CERN)

SiC

CERN

Wednesday 29 November

09:00

SiC

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Convener:** Thomas Bergauer

09:00–09:20

Four-quadrant Si and SiC Photodiodes for Beam Position and Monitor Applications

Speaker

Dr Joan Marc Rafí

09:20–09:40

Thermal Annealing of Electron, Neutron and Proton Irradiation Effects on SiC Radiation Detectors

Speaker

Dr Joan Marc Rafí

09:40–10:00

Defect Spectroscopy on Proton Irradiated 4H Silicon Carbide Devices

Speaker

Niels Sorgenfrei

10:00–10:20

TCAD simulation of 4H silicon carbide LGADs

Speaker

Philipp Gaggl

10:20–10:40

Charge Collection Study of SiC-LGAD - SICAR1

Speaker

Xin Shi

10:40–11:00

Discussion: SiC

Speaker

Thomas Bergauer

11:00–11:30

Coffee break

11:30