

Session Program

20-23 Jun 2023

42nd RD50 Workshop on Radiation Hard Semiconductor Devices for Very High Luminosity Colliders (Montenegro)

SiC

Hotel Regent Porto Montenegro, Conference Hall
Obala bb, Tivat 85320, Montenegro

Tuesday 20 June

14:20

SiC

Session | **Location:** Hotel Regent Porto Montenegro, Conference Hall, Obala bb, Tivat 85320, Montenegro |
Convener: Thomas Bergauer

14:20–14:40

SILICON CARBIDE DIODES FOR ULTRA-HIGH DOSE RATE DOSIMETRY

Speaker

Dr Giulio Pellegrini

14:40–15:00

Investigation of neutron-irradiated 4H-SiC p-in-n Diodes in forward and reverse Bias

Speaker

Andreas Gsponer

15:00–15:20

Improving TCAD simulation of 4H silicon carbide particle detectors

Speaker

Philipp Gaggl

15:20–15:40

Development of 4H-SiC Low-Gain Avalanche Detector

Speakers

Dr Wang Congcong, Mr Xin Shi

15:40–16:10

Discussion: SiC

Speakers

Dr Giulio Pellegrini, Thomas Bergauer

16:10–16:40

Coffee Break

16:40