



# 1st DRD3 week on Solid State Detectors R&D

## Thursday, June 20, 2024

**WG6/WP3 - Non-silicon-based detectors: WG6 - Scientific talks - 500/1-001 - Main Auditorium (9:00 AM - 1:00 PM)**

-Conveners: Xin Shi; Alexander Oh

time	[id] title	presenter
9:00 AM	[5] First Results from the Planar Run of the RD50-SiC-LGAD Common Project	GSPONER, Andreas
9:20 AM	[18] The Development of Silicon Carbide Low Gain Avalanche Detector	YANG, Tao
9:40 AM	[34] TCAD modeling of radiation induced defects in 4H-SiC diodes and LGADs	GAGGL, Philipp
10:00 AM	[82] Hydrogenated Amorphous Silicon Pixel Detectors to Precisely Measure Ionizing Radiation	SERVOLI, Leonello
10:20 AM	[32] New particle detector with the CIGS semiconductor	TOGAWA, Manabu
10:40 AM	[45] Design of innovative diamond detectors for beam monitoring in highly radiative environment for applications in nuclear and medical physics	LIVINGSTONE, Jayde
11:00 AM	Coffee break	
11:30 AM	[44] SiC AC-LGAD Timing Pixel Detector	SHI, Xin ZHANG, Xiyuan
11:50 AM	[24] Development of radiation-hard GaN devices for MIP detection - Phase I	NOEL, Jean-Paul Dr GRIFFIN, Ryan KOFFAS, Thomas
12:10 PM	[54] 3D diamond	OH, Alexander
12:30 PM	[95] Discussion	OH, Alexander SHI, Xin