

**Session Program**

**Jun 17 - 21, 2024**

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

***WG6/WP3 - Non-silicon-based detectors***

CERN, 500/1-001 - Main Auditorium

# Thu, June 20

9:00 AM

## WG6/WP3 - Non-silicon-based detectors: WG6 - Scientific talks

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Alexander Oh, Xin Shi

9:00 - 9:20 AM

### First Results from the Planar Run of the RD50-SiC-LGAD Common Project

**Speaker**

Andreas Gsponer

9:20 - 9:40 AM

### The Development of Silicon Carbide Low Gain Avalanche Detector

**Speaker**

Tao Yang

9:40 - 10:00 AM

### TCAD modeling of radiation induced defects in 4H-SiC diodes and LGADs

**Speaker**

Philipp Gaggl

10:00 - 10:20 AM

### Hydrogenated Amorphous Silicon Pixel Detectors to Precisely Measure Ionizing Radiation

**Speaker**

Leonello Servoli

10:20 - 10:40 AM

### New particle detector with the CIGS semiconductor

**Speaker**

Manabu Togawa

10:40 - 11:00 AM

### Design of innovative diamond detectors for beam monitoring in highly radiative environment for applications in nuclear and medical physics

**Speaker**

Jayde Livingstone

11:00 - 11:30 AM

### Coffee break

11:30 - 11:50 AM

### SiC AC-LGAD Timing Pixel Detector

**Speakers**

Xin Shi, Xiyuan Zhang

11:50 AM - 12:10 PM

### Development of radiation-hard GaN devices for MIP detection - Phase I

**Speakers**

Jean-Paul Noel, Dr Ryan Griffin, Thomas Koffas

12:10 - 12:30 PM

### 3D diamond

**Speaker**

Alexander Oh

12:30 - 1:00 PM

**Discussion**

**Speakers**

Alexander Oh, Xin Shi

1:00 PM