



# FuTuRe 2019 - Workshop on the Future of Silicon Detector Technologies

## Tuesday 03 December 2019

### Defect Engineering: Part I (13:00-14:30)

time	[id] title	presenter
13:00	[27] Density Functional Theory-based theory of defects	Prof. RUNGE, Erich
13:30	[28] Development of Radiation Hard Silicon Detectors - The RD50 collaboration	MOLL, Michael
14:00	[29] Light-induced defects in silicon solar cells: a possible impact on the mainstream silicon technology	Mr MCHEDLIDZE, Teimuraz

### Defect Engineering: Part II (15:00-16:30)

time	[id] title	presenter
15:00	[30] Defects in 6" Cz Si EPI-wafer	Mrs SEIFERT, Daniela
15:30	[31] Low gain avalanche detectors (LGAD) – Can the A <sub>Si-Si<sub>i</sub></sub> defect explain their insufficient radiation hardness?	LAUER, Kevin
16:00	[32] Discussion	