



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

## Thursday 20 June 2024

### WG4 - Simulations - 500/1-001 - Main Auditorium (15:00 - 18:00)

-Conveners: Marco Mandurrino

time	[id] title	presenter
15:00	[7] Allpix Squared - Semiconductor Detector MC Simulations for Particle Physics and Beyond	SPANNAGEL, Simon
15:20	[79] Simulating Solid State Detectors Using Garfield++	JANSSENS, Djunes
15:40	[1] A lightweight algorithm to model radiation damage effects in Monte Carlo events for High-Luminosity LHC experiments	BOMBEN, Marco
16:00	[29] Simulating monolithic active pixel sensors: A technology-independent approach using generic doping profiles	WENNLÖF, Håkan
16:20	[69] A simulator for Timepix-like pixel front-ends	TLUSTOS, Lukas
16:40	[59] Development of Simulation Software - RASER	Ms XIAO, Suyu
17:00	[22] TCAD Models/Parameters and Tool Fusion	BURIN, Jürgen
17:20	[86] Updates on WG4	MANDURRINO, Marco
17:30	[110] Discussion on Simulation	