



## 27th RD50 Workshop (CERN)

### Thursday 3 December 2015

#### Simulations - 6/2-024 - BE Auditorium Meyrin (14:30 - 18:30)

time	[id] title	presenter
14:30	[42] Status of LGAD RD50 projects	PELLEGRINI, Giulio
14:50	[45] Discussion on LGAD	PELLEGRINI, Giulio
15:10	[9] KDetSim - a ROOT based detector simulation package	KRAMBERGER, Gregor
15:30	[10] Comparisson of different non-commercial detector simulation packages	KRAMBERGER, Gregor
15:50	Coffee break	
16:20	[16] Towards to a new radiation damage model for Synopsys TCAD	SCHWANDT, Joern
16:40	[20] Simulation of LGAD characteristics taking into account negative feedback in detectors with carrier multiplication	Dr VERBITSKAYA, Elena
17:00	[35] TCAD simulation of Low Gain Avalanche Detectors	DALAL, Ranjeet
17:20	[11] TCAD 2D SIMULATIONS FOR PHASE II PIXEL SENSOR DESIGN	JAIN, Geetika
17:40	[41] Effect of Al <sub>2</sub> O <sub>3</sub> passivation layer in irradiated n-on-p strip sensors [Thursday]	PELTOLA, Timo Hannu Tapani
18:00	[43] Discussion Session on TCAD Simulations	KRAMBERGER, Gregor EREMIN, Vladimir