

23rd RD50 Workshop (CERN)

Friday 15 November 2013

3D detectors and slim edges (09:00 - 13:10)

-Conveners: **Giulio Pellegrini; Giulio Pellegrini**

time	[id] title	presenter
09:00	[27] Update on irradiation experiments with electrons of different kinetic energies (between 1.5 MeV and 27 MeV) performed on n-type silicon [Not on Wednesday]	Dr PINTILIE, Ioana
09:20	[25] Charge collection and laser measurements on double-sided 3D strip sensors irradiated up to $2 \cdot 10^{16} \text{ n}_{\text{eq}}/\text{cm}^2$	MORI, Riccardo
09:40	[1] Characterization of CNM's 3D pixel sensors for the phase-2 upgrade of the CMS vertex detector	Ms MUÑOZ SÁNCHEZ, Francisca J.
10:00	[10] Beam test results of 3D pixel devices for forward tracking	LANGE, Joern
10:20	Coffee Break	
10:50	[19] Status of Scribe-Cleave-Passivate (SCP) Slim Edge Technology	FADEYEV, Vitaliy
11:10	[24] Irradiated n-in-p planar pixel sensors of different thicknesses and active edge designs	TERZO, Stefano
11:30	[43] Proposal for a production of thin active edge diodes and pixels	MACCHIOLO, Anna
11:40	[13] Future sensor-chip packaging technologies at CiS	WITTIG, Tobias
12:00	[42] Active pixel sensors in 180 nm HV CMOS technology for HL-LHC detector upgrades	MUENSTERMANN, Daniel
12:20	[44] Preliminary irradiation studies of ultra thin 3D detectors	PELLEGRINI, Giulio Dr GRECO, Virginia
12:40	[37] Discussion Session on New structures (3D, slim and active edges, ...)	PELLEGRINI, Giulio PELLEGRINI, Giulio