

30th RD50 Workshop (Krakow)

Tuesday, 6 June 2017

Detectors with gain (11:10 - 17:00)

-Conveners: Amedeo Staiano; Roberta Arcidiacono

time	[id] title	presenter
11:10	[13] Analytic expressions for time resolution of silicon pixel sensors	RIEGLER, Werner
11:40	[4] Measurements of the timing resolution of Ultra-Fast Silicon Detectors vs. Temperature, Fluence, Thickness, Manufacturer.	SADROZINSKI, Hartmut
12:00	[29] Laboratory measurement and progress in Low-Gain Avalanche Diodes	SOLA, Valentina SOLA, Valentina
12:20	[25] Status of LGAD productions at CNM	Dr PELLEGRINI, Giulio
12:40	Lunch break	
13:40	[31] Study of Deep Diffused APDs for Timing Applications	CENTIS VIGNALI, Matteo
14:00	[20] Initial studies of irradiated Ga doped LGADs	KRAMBERGER, Gregor
14:20	[23] Study of the onset of multiplication in proton irradiated LGADs	OTERO UGOBONO, Sofia
14:40	[27] Timing performance and gain analysis of heavily irradiated LGAD diodes	Dr GKOUKOUSIS, Vagelis
15:00	Coffee break	
15:30	[32] Thin LGADs characterization using Ion Beam Induced Charge (IBIC) and Time-resolved IBIC at the Centro Nacional de Aceleradores	Dr JIMENEZ RAMOS, Carmen
15:50	[38] Beam test studies of the LGAD sensors at FNAL	CARTIGLIA, Nicolo
16:10	[21] Radiation damage in thin LGADs produced by HPK	KRAMBERGER, Gregor
16:30	[45] Discussion	PELLEGRINI, Giulio