

34th RD50 Workshop (Lancaster)

Wednesday, 12 June 2019

Precision Timing Detectors - Cavendish Lecture Theatre, Faraday Building (10:20 - 15:50)

-Conveners: Giulio Pellegrini; Salvador Hidalgo Villena; Ivan Vila Alvarez

time	[id] title	presenter
10:20	[4] Status of LGAD R&D for the CMS MIP Timing Detector	HELLER, Ryan
10:40	[2] LGAD radiation hardness studies for the High-Granularity Timing Detector (Phase-II upgrade of the ATLAS detector)	Dr MAZZA, Simone Michele
11:00	[1] The effect of temperature and irradiation on the LGAD gain mechanism	CARTIGLIA, Nicolo
11:20	[6] Performance studies on thin LGAD sensors after proton irradiation	CURRAS RIVERA, Esteban
11:40	[13] Recent studies and characterization on UFSD sensors	FERRERO, Marco
12:00	Lunch Break	
13:00	[10] Status of LGAD development at BNL (and other silicon R&D activities)	Dr GIACOMINI, Gabriele
13:20	[21] Update on IHEP RD50 activities	SHI, Xin
13:40	[17] Timing resolution of the LGADs pads from a common AIDA2020 run produced at CNM	DEL BURGO, Riccardo
14:00	[27] Study of Interpad-gap and inactive region of FBK (UFSD3) and HPK sensors with Transient Current Technique	Mr BHARTHUAR , Shudhashil
14:20	[26] Development and First Parametric Characterization of High Fill-Factor Segmented LGADs with Trench Isolation.	BORGHI, Giacomo BORGHI, Giacomo BOSCARDIN, Maurizio
14:40	[29] Timing with iLGADs	FERNANDEZ GARCIA, Marcos
15:00	[7] First production of Resistive AC-Coupled Silicon Detectors (RSD) at FBK	MANDURRINO, Marco Dr MANDURRINO, Marco
15:20	[34] Discussion	HIDALGO VILLENA, Salvador