

TREDI2020: 15th "Trento" Workshop on Advanced Silicon Radiation Detectors

Tuesday, 18 February 2020

LGAD and Timing - TU the Sky (13:20 - 15:20)

-Conveners: Gianluigi Casse

time	[id] title	presenter
13:20	[43] Technology Development of LGADs at FBK	CENTIS VIGNALI, Matteo Dr CENTIS VIGNALI , Matteo
13:40	[13] Deep Junction LGAD: a new approach to high granularity LGAD	Dr MAZZA, Simone Michele
14:00	[21] Signal formation and designed optimization of Resistive AC-LGAD (RSD)	CARTIGLIA, Nicolo
14:20	[57] FAST: a front-end readout ASIC for picosecond time resolution applications with UFSD	Dr OLAVE, Elias Jonhatan
14:40	[61] Popcorn Noise and Timing Measurements on LGADs	BOELL, Julian Alexander
15:00	[7] Performance of the HADES T0 and beam tracking system based on Ultra Fast Silicon Detectors	PIETRASZKO, Jerzy

LGAD and Timing - TU the Sky (16:00 - 17:20)

-Conveners: Giulio Pellegrini

time	[id] title	presenter
16:00	[56] LGAD Performance at Low Energy Proton and Ion Beams for Medical Applications	PITTERS, Florian Michael
16:20	[59] The use of thermal cameras as a diagnostic tool in the qualification of LGAD designs	SIVIERO, Federico
16:40	[41] Hybrid LGAD-based detector design for microdosimetry applications	Mrs MISSIAGGIA, Marta
17:00	[23] pLGAD: A new sensor concept for low-penetrating particles	KHALID, Waleed