

The 38th RD50 Workshop (online Workshop)

Tuesday, 22 June 2021

LGAD - Low Gain Avalanche Detectors: LGAD - Low Gain Avalanche Detectors (09:00 - 19:20)

-Conveners: Salvador Hidalgo

time	[id] title	presenter
09:00	[47] Gain suppression mechanism observed in Low Gain Avalanche Detectors	CURRAS RIVERA, Esteban
09:20	[15] Study of gain suppression in LGADs using IBIC and TRIBIC	Dr JIMENEZ RAMOS, Maria Del Carmen
09:40	[41] A comprehensive feasibility study on the utilisation of the Ion Beam Induced Charge (IBIC) Nuclear Microprobe Technique at the RBI for the LGAD's Characterization including the Interpad-Gap Measurements	MANOJLOVIC, Milos
10:00	[14] The performance of IHEP-NDL and IHEP-IME LGAD sensors after neutron Irradiation	LI, Mengzhao
10:20	Coffee Break	
10:35	[39] Studies of effective inter-pad distance of different HPK and FBK LGADs	SKOMINA, Petja
10:55	[26] Characterization on the radiation hardness of USTC-1.1 LGADs	LI, Chihao
11:15	[50] Radiation Tolerance study of AIDA2020v2 LGADs manufactured at IMB-CNM	Dr VILA ALVAREZ, Ivan
11:35	[16] Timing measurements on neutron-irradiated LGADs in epitaxial wafers	VILLEGAS, Jairo
11:55	Lunch Break	
13:20	[64] EPS-TIG event in Montenegro Invitation	MEDIN, Gordana
13:25	[21] LGAD Development at Teledyne e2v for the LHC's High-Luminosity (HL) Upgrade	GAZI, Martin
13:45	[31] Development of large-area LGADs for Space Application	BISHT1, Ashish
14:05	[17] iLGAD Sensor For X-Ray Applications	DOBLAS MORENO, Albert
14:25	[32] Principle of operation of an innovative new sensor for neutron detection based on resistive AC coupled LGAD	MENZIO, Luca
14:45	[20] Preliminary Test Results of LGADs from Teledyne e2v for the LHC's High-Luminosity Upgrade	MULVEY, Jonathan
15:05	Coffee Break	
15:25	[22] Test beam measurements of BNL and HPK AC-LGADs	MADRID, Christopher
15:45	[2] AC-LGAD novel geometries exploration by etching of metal on the surface AC-coupled pads	Dr MAZZA, Simone Michele
16:05	[23] A new testing system for multipad RSD sensors based on a a new FAST ASIC	MISEROCCHI, Filippo
16:25	[8] Latest Results on charge sharing in AC-LGAD (aka RSD)	SADROZINSKI, Hartmut
16:45	Coffee Break	

17:05	[58] Discussion on LGAD	PELLEGRINI, Giulio KRAMBERGER, Gregor VILA ALVAREZ, Ivan CARTIGLIA, Nicolo HIDALGO, Salvador
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