

Last (43rd) RD50 Workshop on Radiation Hard Semiconductor Devices for Very High Luminosity Colliders (CERN)

Thursday 30 November 2023

LGAD - 31/3-004 - IT Amphitheatre (09:00 - 11:20)

-Conveners: Gregor Kramberger

time	[id] title	presenter
09:00	[66] MAPS devices with internal gain for timing applications: state of the art and future developments	Dr MANDURRINO, Marco
09:20	[74] USTC-IME LGAD pre-production for HGTD	Mr ZHENG, Xiangxuan
09:40	[82] Measurements on last IMB-CNM LGADs production	Mr VILLEGAS DOMINGUEZ, Jairo Antonio
10:00	[71] Characterisation of the FBK EXFLU1 thin sensors with gain in a high fluence environment	WHITE, Robert Stephen
10:20	[72] Spatial resolution of RSD2 array of pixels measured at a beamtest	CARTIGLIA, Nicolo
10:40	Coffee break	

LGAD - 31/3-004 - IT Amphitheatre (11:20 - 13:00)

-Conveners: Valentina Sola

time	[id] title	presenter
11:20	[67] 18 MeV Proton Irradiation of Low Gain Avalanche Detectors	KRAUS, Veronika
11:40	[94] 2D pixelated BNL AC-LGADs: From laser TCT to Test Beam characterization	SENGER, Matias
12:00	[95] First characterization of TI-LGAD technology in a test beam setup	SENGER, Matias
12:20	[89] The numerous configurations of „interstitial boron“ and their involvement in ARP of LGADs	LAUER, Kevin
12:40	[76] Radiation hardness studies of Half-Activated-Boron LGADs	KRAMBERGER, Gregor VELKOVSKA, Iskra

LGAD - 6/2-024 - BE Auditorium Meyrin (14:20 - 16:00)

-Conveners: Anna Macchiolo

time	[id] title	presenter
14:20	[99] Revealing distinct signals in inter-pad region of Ti-LGAD	Prof. LASTOVICKA MEDIN, Gordana
14:40	[100] Hunting for the ghost signals in Ti-LGADs	LASTOVICKA-MEDIN, Gordana
15:00	[90] Timing Characterization of LGADs for Space Based Applications	CAVAZZINI, Leo
15:20	Coffee break	

LGAD - 6/2-024 - BE Auditorium Meyrin (16:00 - 17:40)

-Conveners: Giulio Pellegrini

time	[id] title	presenter
16:00	[88] Electric field measurement in LGAD	Ms XIAO, Suyu
16:20	[80] Single Event Burnout in thin silicon sensors	FERRERO, Marco
16:40	[81] Radiation resistance of Carbon-shield LGADs and comparison with standard carbonated LGADs	FERRERO, Marco
17:00	[75] Investigation of low gain avalanche detectors exposed to proton fluences beyond 10^{15} neq/cm ²	SORENSEN, Josef Daniel
17:20	[124] Towards the DRD3 collaboration	Dr PELLEGRINI, Giulio

Friday 1 December 2023**LGAD - 6/2-024 - BE Auditorium Meyrin (09:00 - 11:20)****-Conveners: Nicolò Cartiglia**

time	[id] title	presenter
09:00	[118] Synchrotron light source X-ray detection with Low-Gain Avalanche Diodes	Dr OTT, Jennifer Dr MAZZA, Simone Michele
09:20	[119] Gain suppression studies at the CENPA tandem accelerator	Dr OTT, Jennifer Dr MAZZA, Simone Michele
09:40	[98] Impact of environmental stresses on Low Gain Avalanche Diodes	BOYE, Diallo
10:00	[117] Radiation Tolerance Study of CNM-IMB Run15973	NAVARRETE RAMOS, Efrén FERNANDEZ GARCIA, Marcos
10:20	[105] LGAD Discussion	KRAMBERGER, Gregor CARTIGLIA, Nicolò
10:40	Coffee break	