

17th (Virtual) "Trento" Workshop on Advanced Silicon Radiation Detectors

Wednesday, 2 March 2022

LGAD - Virtual (Zoom Only) (13:45 - 15:30)

-Conveners: Giovanni Calderini; Giovanni Calderini

time	[id] title	presenter
13:45	[136] Spatial and temporal resolutions of sensors belonging to the second FBK RSD production	CARTIGLIA, Nicolo
14:05	[143] Present and future development of thin silicon sensors for extreme fluences	SOLA, Valentina
14:25	[154] Quantum efficiency measurements of FBK silicon planar sensors with optimized entrance window for soft X-Rays.	CARULLA ARESTE, Maria del Mar
14:45	[138] Characterization of Trench-Isolated LGADs before and after irradiation	FERRERO, Marco
15:05	[139] Detailed process characterization of carbonated LGADs through Secondary Ion Mass Spectroscopy	Dr GKOU GKOUSIS, Vagelis

LGAD - Virtual (Zoom Only) (16:00 - 17:20)

-Conveners: Hartmut Sadrozinski; Hartmut Sadrozinski; Hartmut Sadrozinski

time	[id] title	presenter
16:00	[141] Characterisation of UFSD4 production by FBK	TORNAGO, Marta
16:20	[144] Development of AC-LGADs for large-scale high-precision time and position measurements	OTT, Jennifer
16:40	[165] TCAD Investigation of AC-LGAD	SHIN, Kyung-Wook (Taylor) Dr NIZAM, Mohammad

Thursday, 3 March 2022

LGAD - Virtual (Zoom Only) (09:30 - 10:50)

-Conveners: Yoshinobu Unno

time	[id] title	presenter
09:30	[161] Defect spectroscopy studies on irradiated LGADs	HIMMERLICH, Anja
09:50	[173] High-injection carrier dynamics generated by MeV ions and fs-laser, impacting the LGAD's limiting response: SEB and Gain suppression	LASTOVICKA MEDIN, Gordana
10:10	[166] Influence of the ionization density on LGAD gain as measured with TCT, TPA-TCT and a beta source	CURRAS RIVERA, Esteban
10:30	[142] Sensitivity analysis of parameters characterizing the bulk radiation damage on silicon devices	ASENOV, Patrick

LGAD - Virtual (Zoom Only) (11:30 - 12:30)

-Conveners: Nicolo Cartiglia

time	[id] title	presenter
11:30	[162] Readout development of a LGAD-based Hybrid Detector for Microdosimetry (HDM)	PIEROBON, Enrico
11:50	[172] Development of Low Gain Avalanche Detectors at Teledyne e2v	GONELLA, Laura
12:10	[175] Stability of irradiated LGAD sensors in the Fermilab high-rate proton beam facility	HELLER, Ryan