

CPAD 2019 in Madison Wisconsin

Monday, December 9, 2019

Solid State Tracking Detectors - Hall of Ideas I (1:30 PM - 4:00 PM)

-Conveners: Sally Seidel

time	[id] title	presenter
1:30 P	M10] R&D on LGAD Radiation Tolerance: the HL-LHC and Beyond	
1:50 P	M15] From LGADs to AC-coupled LGADs for fast timing applications	GIACOMINI, Gabriele
2:10 P	M17] Performance of LGADs and AC-LGADs towards 4D tracking	D'AMEN, Gabriele
2:30 P	M19] Low Gain Avalanche Detectors: Towards Higher Granularity and Repetition Rate	Prof. SCHUMM, Bruce
2:55 P	M15] Development of a 3D detector on a hydrogenous amorphous silicon substrate	Dr MENICHELLI, Mauro
3:20 P	M14] Feasibility Study of Charge Multiplication by Design in Thin Silicon 3D Sensors	SEIDEL, Sally
3:40 P	M116] New proton irradiation facility at Fermilab	MERKEL, Petra

Tuesday, December 10, 2019

Solid State Tracking Detectors: Solid State Tracking Detectors - Hall of Ideas H (9:00 AM - 10:35 AM)

-Conveners: Sally Seidel

time	[id] title	presenter
9:00 AM	A102 Chronopixel CMOS Sensor Development for the ILC	BRAU, James
9:25 AM	A101 RD53 Status	GONZALEZ RENTERIA, Cesar
9:50 AM	A103 Modelling radiation damage to pixel sensors in the ATLAS detector	GRUMMER, Aidan
10:10 AM	A107 Tracking and Timing with Induced Current Detectors	Dr RONALD LIPTON, Ronald

Solid State Tracking Detectors: Solid State Tracking Detectors - Hall of Ideas H (11:00 AM - 12:30 PM)

-Conveners: Sally Seidel

time	[id] title	presenter
11:00 AM	A104 Status and Plans of the CMS High Granularity Calorimeter Upgrade Project	GECSE, Zoltan
11:20 AM	A105 Large-area Si(Li) detectors for X-ray spectrometry and particle tracking for the GAPS experiment	ROGERS, Field
11:40 AM	A106 Scintillation detector based on InAs quantum dots in a GaAs semiconductor matrix for charged particle tracking: first measurements of the response to alpha-particles	MURAT, Pavel