

PM2024 - 16th Pisa Meeting on Advanced Detectors

Tuesday, 28 May 2024

Solid State Detectors - Poster session - Sala Elena (15:31 - 19:20)

[id] title	presenter	board
[114] Noise and performance tests results of the PS modules for the phase-2 CMS outer tracker	MARGJEKA, Ilirjan	
[164] Characterization of analogue monolithic pixel sensors fabricated in 65 nm technology for the ALICE ITS3	GAUTAM, Kunal	
[509] Qualification of pre-production 3D sensors for the new ATLAS ITk detector with test beams	CARCONE, Thibaud	
[5] Polarization in CdZnTe and CdZnMn detectors	Ms AMZALLAG, Odelya	
[23] 3D simulation and experimental exploration of implementing double-sided 3D trench electrode detector with 8-inch CMOS Process	Prof. LI, Zheng	
[29] 3D silicon pixel sensors for the CMS experiment tracker upgrade	ZUOLO, Davide	
[32] Performance of planar pixel modules for the Phase 2 Upgrade of the CMS Inner Tracker	RACITI, Bianca	
[57] Characterisation of the FBK EXFLU1 thin sensors with gain in a high fluence environment	WHITE, Robert Stephen	
[59] Remote detector for high radiation fluences	TAMULAITIS, Gintautas	
[183] Performance of the new tracker and timing ATLAS detectors at HL-LHC for pile-up suppression	TESTA, Marianna	
[201] Study of radiation effects in the test structures of ATLAS18 ITk strip sensor caused by CERN-PS 24 GeV/c protons	MANDIĆ, Igor	
[225] The OBELIX chip for the Belle II VTX Upgrade	BABELUK, Maximilian	
[228] TCAD investigation of Compensated LGAD Sensors for extreme fluence	FONDACCI, Alessandro	
[250] Low-Gain Avalanche Diodes for the CMS Endcap Timing Layer	LANTERI, Leonardo	
[256] Overview of the ATLAS ITk Strip System Tests	DIEZ CORNELL, Sergio	
[258] Development and first tests of the Arc-detector: a Schottky CdTe Medipix3RX photon-counting detector for X-rays.	GIMENEZ, Eva	
[267] Performance of 3D trench pixel sensors irradiated up to $10^{17} \text{ n}_{\text{eq}} \text{ cm}^{-2}$	LAMPIS, Andrea	
[299] Recent results and perspectives of the Monopix Depleted Monolithic Active Pixel Sensors (DMAPS)	HUEGGING, Fabian	
[304] Development of a MAPS Upstream Tracker for the LHCb Upgrade II	FENG, Mingjie	
[321] Characterization results of MAPS digital prototypes for the ALICE ITS3	VILLANI, Anna	
[341] Innovations in silicon detector technologies for next-generation experiments: improving timing precision of LGADs for ALICE 3	STRAZZI, Sofia	
[346] First Insights into the Super-gq Depfet: An Improved High Performance Sensor with Increased Gain and Sub-electron Noise Level Capabilities.	Mr STADLER, Sebastian STADLER, Sebastian	
[378] Characterization of the RD50-MPW4 HV-CMOS pixel sensor	PILSL, Bernhard	

[380] Large area curved silicon modules for future trackers	BEVAN, Adrian	
[381] Measurements and TCAD simulations of guard-ring structures of thin silicon sensors before and after irradiation	CROCI, Tommaso	
[388] Fighting cold noise and early breakdown on the ATLAS ITk strips tracker	DIEZ CORNELL, Sergio	
[389] Recent results with MALTA, a radiation hard CMOS Monolithic Active Pixel sensor	WORM, Steve	
[487] Monolithic AC-LGADs, a new frontier in high-performance particle tracking in 4 dimensions	GIOACHIN, Giulia	
[475] Study of bulk damage of high gamma irradiated n⁺-in-p silicon diodes	MIKESTIKOVA, Marcela	
[474] TCAD modeling of radiation induced defects in 4H-SiC diodes and LGADs	Mr BERGAUER, Thomas	
[161] Surface-state induced inter-electrode isolation of n-on-p devices in mixed-field and γ-irradiation environments	PELTOLA, Timo	
[251] Italian cluster technical solutions for the Quality Control tests to the modules of the ITk detector	CARRATTA, Giuseppe	

Wednesday, 29 May 2024

Solid State Detectors - Poster session - Sala Elena (08:31 - 11:00)