PSD10: 10th International Conference on Position Sensitive Detectors

Wednesday 10 September 2014

Session 10: Posters 1 (Particle Physics, Pixel Detectors and Lifesciences) - AP3&4 (14:00 - 15:40)

[id] title	presenter	board
[73] Feasibility study of a 1 mm resolution small-animal PET prototype	Dr RODRIGUEZ-VILLAFUERTE, Mercedes	
[25] Gas gain limitation in low pressure proportional counters filled with TEG mixtures	Dr KOWALSKI, Tadeusz Z.	
[21] Radiation effects on true charge transfer TDI sensor in CMOS	Mr RUSHTON, Joseph	
[33] Position sensitive detector for fluorescence lifetime imaging.	TURBIN, Evgeny PROKAZOV, Yury	
[100] Performance tests during the IBL Stave Integration	BACKHAUS, Malte	
[64] Interconnect and bonding techniques for pixelated X-ray and gamma ray detectors	SCHNEIDER, Andreas	
[61] Low-area trim DAC in 40nm CMOS technology for pixel readout chips used in hybrid detectors.	DROZD, Aleksandra	
[132] 3D simulation and measurements of novel bias grid and edgeless ATLAS planar pixel sensor designs for the High-Luminosity LHC upgrade	NELLIST, Clara	
[139] Enhancing gamma-ray detection and imaging characteristics in HPGe double-sides strip detectors employing signal decomposition algorithms	SUPIC, Lazar	
[26] X-CSIT: a toolkit for simulating 2D pixel detectors	Mr JOY, Ashley	
[8] Low power wireless ultra-wide band transmission of bio signals	GABRIELLI, Alessandro	
[87] Development of a Cryogenic Irradiation Test Facility and the Initial Results from a CCD236 Swept Charge Device	Dr GOW, Jason	
[121] Electrical-modeling and simulation of cumulative radiation effects in semiconductor pixels detectors: prospects and limits	Dr FOURCHES, Nicolas	
[57] Setup for Laboratory studies of the charge transport in Silicon Dioxide	KUSHPIL, Svetlana	
[56] One dimensional x-ray detector with high spectroscopic performance based on silicon strip detector technology	WIĄCEK, Piotr	
[53] Influence of edge surface leakage current on the performance of pixelated CdTe radiation detectors	DUARTE, Diana	
[111] The CMS Pixel Readout Chip for the Phase I Upgrade	SPANNAGEL, Simon	
[112] Microdosimetric response of proportional counters filled with different tissue-equivalent gases.	Dr KOWALSKI, Tadeusz	
[81] Characterisation and Modelling of a Thick Segmented Cadmium Tungstate Scintillator Array	Mr RICHARDS, Sion	
[31] A Novel Compton Camera Design featuring a Rear-panel Shield for Substantial Noise Reduction in Gamma-ray Images	NISHIYAMA, Toru	

[38] Novel Silicon Drift Detector Design Enabling Low Dark Noise and Simple Manufacturing	Mr MAROCHKIN, Vladislav	
[32] Development of a Prototype PET Scanner using Dual-Sided Readout DOI-PET Modules	FUJITA, Takuya	
[30] Development of radiation hard silicon strip sensors using T-CAD simulations and comparison with subsequently produced detectors	PRINTZ, Martin	
[34] Development of a MPPC-based Prototype Gantry for Future MRI-PET Scanners	KUREI, Yohta	
[63] Testing fully depleted, thick monolithic CMOS pixels with high quantum efficiency	CLARKE, Andrew	
[68] 3D position estimation in monolithic scintillation cameras using B-spline response parametrization.	SOLOVOV, Vladimir	
[92] The Effect of radiation on the spatial resolution of a novel proton range detector for use in proton Computed Tomography	Dr PRICE, Tony	
[10] The Belle II DEPFET Pixel Detector and Cluster Shape Dependent Improvement of Spatial Resolution	AVELLA, Paola	
[74] Monte Carlo simulation of dose efficiency and image quality in X-ray Luminescence Optical Tomography	Dr MARTINEZ-DAVALOS, Arnulfo Dr RODRIGUEZ-VILLAFUERTE, Mercedes	
[48] Development and Characterization of 16-channel SiPM Prototype with sub-mm pixels for high resolution PET System	SHIMAZOE, Kenji	
[42] Characterisation, calibration and performance of single photon counting CdTe pixel detectors	Dr RISSI, Michael	
[79] Radiation-induced charge trapping in n- and p-channel CCDs	Mr WOOD, Daniel	