

PSD11: The 11th International Conference on Position Sensitive Detectors

Thursday 7 September 2017

Poster session: Poster session (including buffet lunch) - Hub Theatre (OU) (12:40 - 14:30)

[id] title	presenter	board
[10] Improving radiation hardness in space-based Charge Coupled Devices through the narrowing of the charge transfer channel	HALL, David	
[29] Module production tests and integration of the Belle II pixel detector	PASCHEN, Botho	
[35] Design and characterization of pixelated needle probe for molecular neuroimaging on awake and freely moving rats	HEYMES, Julian	
[80] Radiation induced damage analysis of CCD47-20 at room temperature	Mr LINDLEY-DECAIRE, Anton	
[43] Fully Depleted, Monolithic Pinned Photodiode CMOS Image Sensor Using Reverse Substrate Bias	STEFANOV, Konstantin	
[73] ICP etched position sensitive silicon sensors on silicon and SOI substrates	Mr RÖDER, Ralf	
[76] A Novel Multi-SiPM Position Sensitive Detector for Neutron-Gamma Discrimination	Dr TAGGART, Matt	
[58] The Point Spread Function in CIS113	Mr IVORY, James	
[52] Characterization of a new HV/HR CMOS sensor in LF150nm technology for the ATLAS Inner Tracker Upgrade	LACHKAR, Mohamed	
[120] The LUVMI Imaging System	Mr RUSHTON, Joseph	
[79] Simulation and characterisation of low gain avalanche detector for particle physics and synchrotron applications	Dr BATES, Richard	
[96] Four-quadrant Silicon and Silicon Carbide Photodiodes for Beam Position Monitor Application: Electrical Characterization and Electron Irradiation Effects	Dr RAFÍ, Joan Marc	
[82] Prototypes of planar n-in-n quad modules for the ATLAS ITk upgrade at HL-LHC	GISEN, Andreas	
[108] Monte Carlo based System Matrix calculation for iterative reconstruction in X-ray Luminescence Optical Tomography	Mr OSORIO DURÁN, Raúl Dr MARTÍNEZ-DÁVALOS, Arnulfo	
[107] Design of image quality phantoms to evaluate positron emission mammography systems	Mr TORRES-URZÚA, Luis Fernando	
[62] Simulated spectrum of the OGRE X-ray camera system	LEWIS, Matthew	
[33] Development of position-sensitive scintillation neutron detector for a new protein crystal diffractometer at J-PARC MLF	Dr NAKAMURA, Tatsuya	
[102] Characterisation of the Charge Transport Properties of High-Flux Capable CdZnTe	THOMAS, Brett	
[47] Pulsed-Neutron Imaging by a High-Speed Camera and Center-of-Gravity Processing	Prof. MOCHIKI, Koh-ichi	
[45] Time resolved crystallography at ELI Beamlines facility	ANGELOV, Borislav	

[40] Development of slew rate limited time-over-threshold (ToT) ASIC for multi-channel silicon based ion detector	Ms UENOMACHI, Mizuki	
[21] X-ray metrology of a close packed array of 'edgeless' Medipix3 detectors.	Dr PLACKETT, Richard	
[113] MTF and QE Characterisation of a CMOS Imager for the JUICE JANUS Instrument	Mr ALLANWOOD, Edgar	
[17] Development of a bump cathode element for two-dimensional neutron detection	TOH, Kentaro	
[13] Gas gain and secondary processes in Ne – N₂ mixtures – concentration and pressure scaling.	Dr KOWALSKI, Tadeusz Z.	
[123] Clock Induced Charge in EM-CCD Image Sensors	BUSH, Nathan	
[119] Performance verification of the CMS Phase 1 Upgrade pixel detector with collision data	VESZPREMI, Viktor	
[109] Measurements of a Multi-anode Microchannel Plate Detector System with 100 picosecond event timing	LAPINGTON, Jon	
[71] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	TRONCON, Clara	
[56] Characterization of Detector Modules for the CMS Pixel Phase 1 Upgrade	ZHU, De Hua	
[53] Integrated readout electronics for Belle II pixel detector	Mr BLANCO, Roberto	
[30] Deep Diffused Avalanche Photo Diodes for Timing at the High Luminosity LHC	CENTIS VIGNALI, Matteo	
[8] Measurements and calculations of gas gain in Xe – 5% TMA mixture – pressure scaling.	Dr KOWALSKI, Tadeusz Z.	
[11] Thermal Annealing Response following Total Ionizing Dose of a CMOS Imager for the JUICE JANUS Instrument	LOFTHOUSE-SMITH, Daniel-Dee	
[9] Ageing and Proton Irradiation Effects on an EMCCD Manufactured in a CMOS Process	Ms DUNFORD, Alice	
[111] A Novel gain stage for Microchannel Plate Imaging Photomultipliers	LAPINGTON, Jon	
[19] A Segmented Anode Vacuum Phototriode with Position Sensitivity	ZAHID, Sema	
[4] Mitigation Strategies against Radiation-Induced Background for the Athena Wide Field Imager (WFI)	DAVIS, Chris	
[6] Characterisation of a CdTe detector for medical imaging applications	Prof. LEES, John	
[125] The Radiation Gas Detectors with Novel Nano Porous Converter For Medical Imaging Applications	ZAREI, Hajar	
[126] Multi-leaf Collimator (MLC) Edge Reconstruction for Radiotherapy Using Large Area CMOS Image Sensor	Mr GUERRINI, Nicola Carlo	
[137] Quantum and charge collection efficiency measurements back illuminated CCDs in the soft X-ray regime	Dr KEELAN, Jonathan	
[124] The ZnO Nanowires in AAO Membrane as a Novel High Spatial Resolution Position Sensitive X-ray Detector	Prof. SARAMAD, Shahyar	
[98] Position sensitive radiation detectors for high temperature environments using single crystal diamond	Dr SMITH, David	