



# PSD10: 10th International Conference on Position Sensitive Detectors

## Thursday, September 11, 2014

### Session 13: Posters 2 (Astrophysics, Synchrotron and other Applications) (2:00 PM - 3:40 PM)

[id] title	presenter	board
[16] Microstructured silicon neutron detectors for security applications	Mr ESTEBAN, Sergi	
[117] Muon Scattering Tomography Using Drift Chamber Technology	Mr DAYKIN, Matthew	
[19] The upgrade of the muon system of the CMS experiment	ABBRESCIA, Marcello	
[17] Evaluation of two-dimensional multiwire neutron detector with individual line readout under pulsed neutron irradiation	Dr TOH, Kentaro	
[20] Characterising front-illuminated and back-illuminated e2v CCDs in the context of weak gravitational lensing	Mr ALLANWOOD, Edgar	
[114] Capacitive Division Image Readout - Modelling and simulation of new designs	LAPINGTON, Jon	
[138] Monte Carlo Simulations of Scintillation Detectors for Time-of-Flight X-ray Imaging	Mr CALVERT, Nick	
[22] Investigation of a possible physical mechanism for signal dependent charge sharing in CCDs	WEATHERILL, Daniel	
[23] Characterization of Double Modified Internal Gate Pixel by 3D Simulation Study	Mr AUROLA, Artto	
[115] A Novel gain stage for Microchannel Plate Imaging Photomultipliers	LAPINGTON, Jon	
[89] Capacitive Division Image Readout - Rate and resolution measurements using adaptive pulse processing	Mr LEACH, Steven	
[113] RadICAL - Directional Detector for Source Localisation	Mr RANDALL, George	
[118] Performance Study of Electron Tracking Compton Camera with Compact System for Environmental gamma-ray Observations	Dr MIZUMOTO, Tetsuya	
[37] Digital processing of signals from fast scintillation detectors	Dr NAKHOSTIN, Mohammad	
[35] Quality Control and Beam Test of GEM Detectors for Future Upgrades of the CMS Muon High Rate Region at the LHC	SALVA DIBLEN, Sinem	
[60] Position sensitive photon detectors using epitaxial InGaAs/InAlAs quantum-well	GANBOLD, Tamiraa	
[75] Comparative Study of LaBr3(Ce) and CZT Array on Determination of Uranium Enrichment for Nuclear Safeguards Application	Dr KWAK, Sung-Woo	
[49] A New Digital-Analog Multiplex Method Using Simple Adder Circuit	Mr NAKAMURA, Yasuaki	
[119] Strategies for reducing the environmental impact of gaseous detector operation at the CERN-LHC experiments	GUIDA, Roberto	
[43] Improvements to EMCCD technology through advanced semiconductor simulations.	Mr BUSH, Nathan	
[76] Empirical formula of a spatial resolution for a wavelength-shifting fibre detector coupled with a ZnS/6LiF scintillator for thermal neutron detection	Dr TOH, Kentaro	

<b>[78] Performance characteristics of the new detector array for the SANS2d instrument on the ISIS spallation neutron source</b>	DUXBURY, Dominic	
<b>[47] A Novel Pixellated Spectroscopic Detector Combined With a Broadband Monochromator to Produce Scatter-Free Images for the Improvement of Breast Cancer Detection</b>	Ms GREEN, Faith	