

19th International Workshop on Radiation Imaging Detectors

Wednesday, 5 July 2017

Poster Session II (14:00 - 15:30)

-Conveners: Bartosz Mindur

[id] title	presenter	board
[3] A compressed sensing X-ray camera with a multilayer architecture	WANG, Zhehui	A01
[16] Quantitative evaluation method of the threshold adjustment performances of hybrid photon counting pixel detectors	MEDJOUBI, Kadda	A03
[17] Simulation of energy spectrum in GEM detector from an X-ray quantum	MALINOWSKI, Karol	A04
[18] Image quality performances evaluation in ptychography imaging technique	MEDJOUBI, Kadda	A05
[19] Precise 3-D localization of double-photon emitting isotopes using advanced Compton imaging towards double photon emission CT (DPECT)	YOSHIHARA, Yuri	A06
[56] 2D GEM based imaging detector R&D from perspective of high intensity soft X-ray radiation	CHERNYSHOVA, Maryna	A07
[73] Strip detector for the ATLAS detector upgrade for the High-Luminosity LHC	VELOCE, Laurelle	A09
[59] A scintillator geometry suitable for very small PET geometries	GONZALEZ, Antonio	A10
[60] Highly improved operation of BGO-PET blocks	GONZALEZ-MONTORO, Andrea	A11
[61] Material Identification with Energy-resolved CT	KANNO, Ikuo	A12
[62] Evaluation of a Compton Imager using 3D position-sensitive LYSO scintillator for the investigation of nuclear materials: A Monte Carlo simulation	LEE, Taewoong	A13
[64] Application of Timepix3 Based CdTe Spectral Sensitive Photon Counting Detector for PET Imaging of Small Animals	TURECEK, Daniel	A15
[74] Neutron Monitors of Various Geometrical Design for Detection of Nuclear Smuggling in Cargo Container	LIM, Chang Hwy	A16
[66] A study of energy classification using different pixel filtration in CMOS image sensor	KIM, Giyoon	A17
[68] Evaluation of Timepix3 based CdTe photon counting detector for fully spectroscopic small animal SPECT imaging	TROJANOVA, Eliska	A19
[69] First full dynamic range calibration of the JUNGFRAU photon detector	REDFORD, Sophie	A20
[70] Photodetection characterisation of SiPM technologies for their application in scintillator based neutron detectors	KUMAR, Shashank	A21
[71] On the double peak structure of avalanche photodiode response to monoenergetic x-rays at different temperatures and operation biasing	MONTEIRO, Cristina	A22
[72] Design and Fabrication of CLYC-based Rotational Modulation Collimator (RMC) System for Gamma-Ray/Neutron Dual-Particle Imager	KIM, Hyun Suk	A23
[8] PantherPix3 hybrid pixel gamma ray detector for radio-therapeutic applications	NEUE, Gordon	A24
[77] A study on the characteristics of indirect organic photodetector using p-type polycarbazole copolymer for X-ray Imaging	KANG, Jungwon	B03

[78] Performance improvement of a filter-type “transXend” energy-resolving X-ray detector from the viewpoint of noise immunity	TSAI, Tien-Hsiu	B04
[79] The new Level-1 Topological Trigger for the ATLAS experiment at the Large Hadron Collider	BAKKER, Pepijn	B05
[80] A new unfolding method for energy-resolving transXend detector with K-edge filter	HAMAGUCHI, Takumi	B06
[81] Spatial energy-absorption distributions in a linear array of scintillators for megavoltage cargo-container inspection	PARK, Jiwoong	B07
[82] Comparative study of analytical and iterative digital tomosynthesis reconstructions for thin slab objects	YUN, Jonghee	B08
[83] Digital x-ray tomosynthesis with interpolated projection data for thin slab objects	HA, Seungwoo	B09
[84] Material identification CT using CdTe image sensor	AOKI, Toru	B10
[85] Proton Therapy treatment monitoring with on-line PET: positron emitters evaluation and comparison with Monte Carlo predictions	MURARO, Silvia	B11
[86] Optimization of Far-Field Pinhole Collimator for High-Resolution Gamma-Ray Imaging in the High-Energy Radiation Environments	LEE, Minju	B12
[87] Optimization of the equalization procedure for a single-photon counting CdTe detector used for CT	DELOGU, Pasquale	B13
[88] Development of Fixed-type Cargo Inspection System for Three-dimensional Scanning	LEE, Jeonghee	B14
[89] X-ray micro-CT and neutron CT as complementary imaging tools for nondestructive 3D imaging of rare silicified fossil plants	KARCH, Jakub	B15
[90] Pulse shape discrimination using EJ299-33 organic plastic scintillator for neutron dosimetry during proton beam therapy	GUTIERREZ, Andrea	B16
[91] X-ray imaging with sub-micron resolution using large area photon counting detectors Timepix	DUDAK, Jan	B17
[92] Development of Photon-integrating based-on position sensitive sensor for identifying radioactive source of NDT apparatus in industrial fields	KIM, Kyotae	B18
[93] Monte Carlo based efficiency calibration of portable Cube527 CdZnTe micro spectrometer for gamma spectrometry of radioactive waste material	RADÓCZ, Gábor	B19
[48] Development of a technique based on DCDS for CCD readout	CRUZ DE LA TORRE, Carlos	B20
[95] Radiation Imaging with a SOI-based Monolithic Pixel Chip	KUKLOVA, Mahulena	B21
[98] Using the Medipix3 detector for direct electron imaging in the range 60kV to 200kV in electron microscopy	DOS SANTOS, Joaquim	B24