19th International Workshop on Radiation Imaging Detectors

Monday 3 July 2017

Poster Session I (15:50 - 17:20)

-Conveners: Tomasz Fiutowski

[id] title	presenter	board
[5] Development of a hemispherical RMC (H-RMC) system for imaging spatial distribution of radiation sources	NA, Minho	A03
[6] Progress on 3D integration technology for Medipix3RX chip	SARAJLIC, Milija	A04
[7] Characterising the High Energy Response of Timepix Detectors	GEORGE, Stuart	A05
[32] Self-biased fast neutron detector based on VPE GaAs surface-barrier sensor with polyethylene converter	BARYSHNIKOV, Fedor	A06
[9] Development of Near-UV Silicon Photomultipliers at National Nanofab Center for PET/MR Application	LIM, Kyung Taek	A07
[10] Diamond Membranes as Position Sensitive X-ray Detector	DESJARDINS, Kewin	A08
[11] Radiation hardness study of semi-insulating GaAs detectors against 5 MeV electrons	SAGATOVA, Andrea	A09
[12] Compact 3D core-shell diode array for high performance particle detector & imaging sensor applications	JIA, Guobin	A10
[13] Surface damage characterization of FBK devices for High Luminosity LHC (HL-LHC) operations	MOROZZI, Arianna	A11
[14] Dynamical and Steady State Photo-Hall Effect Deep Level Spectroscopy in High Resistive p-(CdMn)Te	MUSIIENKO, Artem	A12
[20] Two-stage Polymeric Surface Passivation of (CdZn)Te Crystals	VASYLCHENKO, Igor	A13
[21] Simulations of depleted CMOS sensors for high-radiation environments	LIU, Jian	A14
[22] First tests of Timepix detectors based on semi-insulating GaAs matrix of different pixel size	KUBANDA, David	A15
[23] Imaging performance of Timepix detector based on semi-insulating GaAs	ZATKO, Bohumir	A16
[24] Evaluation of Timepix detectors with thick CdTe sensors for gamma-camera applications	PROCZ, Simon	A17
[31] Influence of formation conditions of Pt Schottky barriers on the energy resolution of particle detectors based on VPE GaAs	TRIFONOVA, Ekaterina	A18
[26] Photo-Hall Effect Spectroscopy in High-Resistivity Cd(Zn)Te Single Crystals	MORAVEC, Pavel	A19
[27] Photodiode area effect on X-ray CMOS APS Performance	KIM, Giyoon	A20
[28] Development of Avalanche Photodiode Array based on SOI Technology	HAMASAKI, Ryutaro	A21
[29] Space charge generation in CdZnTe radiation detectors characterized by Laser-induced Transient Current Technique	PIPEK, Jindrich	A22
[30] GaAs:Cr X-ray sensors noise characteristics investigation by means of amplitude spectrum analysis	LOZINSKAYA, Anastasiya	A23
[33] Development of Stable and sensitivity Semiconductor Detector for NDT Radiation Dose Energy Detection Based on the Mixture material of PbI2 and PbO	HEO, Ye Ji	B01

[34] Investigation of Gd and B4C neutron converters on Timepix3 detector	KRAPOHL, David	B02
[35] Avalanche photodiodes based on GaAs/AlGaAs - the detectors for 4th generation light sources	STEINHARTOVA, Tereza	B03
[36] Operation of 100 micron thick GEM in Krypton-CO2 mixtures	AMARO, Fernando	B04
[37] The stand-alone computation engine for the GEM detector based acquisition system for the WEST tokamak - the architecture and preliminary tests	KRAWCZYK, Rafal	B05
[38] Development of the Electronic Personal Dosimeter System based on CsI(Tl) and Si PIN detector	PARK, Kyeongjin	B06
[39] The new MYTHEN-III detector prototype	ANDRAE, Marie	B07
[40] Ultra low noise STSCL logic standard cell library for nuclear detector front end readout ASICs	NEUE, Gordon	B08
[41] Hybrid Pixel Detector for XRD and EDXRF	NYGARD, Einar	B09
[42] Fast reset of the silicon microstrip and gas electron multiplier readout chain in the presence of leakage current	ZUBRZYCKA, Weronika	B10
[43] A fully depleted CMOS pixel sensors for soft X-rays detection at synchrotron light source	KACHEL, Maciej	B11
[44] Gotthard-II: A 4.5 MHz Silicon Microstrip Detector for the European X-ray Free-Electron Laser	ZHANG, Jiaguo	B12
[45] Compact and portable X-ray imager system using Medipix3RX	GARCIA-NATHAN, Tomas Bartolome	B13
[46] Three Radiation Resistant Techniques against Single Event Effect for SAR-ADC Design	LEE, Yongseok	B14
[47] CSA-ADC Front-End ASIC for CPG Radiation Detector	LEE, Yongseok	B15
[49] Characterization of pixel sensor designed in 180 nm SOI CMOS technology	BENKA, Tomas	B16
[50] Design of an Analog Pixel’s Front-End Active Feedback for VIPIC-Large Detector	GRYBOS, Pawel	B17
[51] Measurement of crosstalk in pixels for the Medipix 3	THUNGSTROM, Goran	B18
[52] Digital hit allocation algorithm for charge sharing compensation in semiconductor pixel detectors	OTFINOWSKI, Piotr	B19
[53] Analytical Expressions for Noise and Crosstalk Voltages of the High Energy Silicon Particle Detector	YADAV, Indu	B20
[54] Design of a Charge Sensitive Amplifier for Silicon Particle Detection in BCD 180 nm Technology	YADAV, Indu	B21
[55] High speed measurements system for time-resolved spectroscopy with synchrotron radiation	KOZIOL, Anna	B22