# 24th International Workshop on Radiation Imaging Detectors

## Monday 26 June 2023

**Poster (incl. coffee): 1 - Ole-Johan Spiseri (14:45 - 16:15)**

**-Conveners: Marco Povoli; Ketil Roeed**

| time | [id] title | presenter |
|---|---|---|
| 14:45 | [19] P1.1: RNDR-DEPFET detectors for single photon detection | TREBERSPURG, Wolfgang |
| 14:46 | [25] P1.2: Prototype design of readout electronics for Transition Radiation Detector in High Energy cosmic-Radiation Detection | ZHU, Jieyu |
| 14:47 | [74] P1.3: Firmware implementation of a displaced muon reconstruction algorithm for the Phase-2 Upgrade of the CMS muon system | LEGUINA LOPEZ, Pelayo |
| 14:48 | [99] P1.4: MPPC-based gamma camera with pinhole collimator to locate Cs-137 sources at high doses for the Fukushima nuclear power plant | Mr TOMODA, Takahiro |
| 14:49 | [116] P1.5: The LHCb VELO Upgrade II: design and development of the readout electronics | SRISKARAN, Viros |
| 14:50 | [131] P1.6: The Influence of Parallax Effects in Thick Silicon Sensors in Coherent Diffraction Imaging | Dr KUSTER, Markus |
| 14:51 | [141] P1.7: Development and performance evaluation of high-speed gamma imaging system for Korea Customs Service | LEE, Junyoung |
| 14:52 | [175] P1.8: A Timepix3 front-end simulator | TLUSTOS, Lukas |
| 14:53 | [203] P1.45: Spectroscopic effects of distributed-line phenomena in integrated feedback resistors for charge-sensitive pre-amplifiers | Dr CAPRA, Stefano |
| 14:54 | [17] P1-9: Status of GE2/1 for the Phase-2 Upgrade of the CMS Muon System | KIM, Seulgi |
| 14:55 | [14] P1.10: A 20 Gbps PAM4 Receiver ASIC in 55 nm for Detector Front-end Readout | CHEN, Qiangjun<br>Prof. GUO, Di |
| 14:56 | [8] P1.11: First Results of the Upgraded ALICE Inner Tracking System in LHC Run 3 | LIU, Jian |
| 14:57 | [6] P1.12: Detector challenges of the strong-field QED experiment LUXE at the European XFEL | WING, Matthew |
| 14:58 | [108] P1.13: Improvement of metal artifact and noise characteristics in computed tomography incorporated with CdTe photon-counting detector and Tin filter | LEE, Soohyun |
| 14:59 | [98] P1.14: Data Processing Engine for Mixed Radiation Field Characterization with Timepix Detectors | MAREK, Lukas |
| 15:00 | [95] P1.15: Triple-energy virtual monochromatic imaging with a photon-counting detector for reducing metal artifacts in half-beam dental CT | LEE, Minjae |
| 15:01 | [94] P1.16: The SparkPix-S ASIC for the sparsified readout of 1 MHz Frame-Rate X-ray Cameras at LCLS-II: pixel design and simulation results | Dr MELE, Filippo |
| 15:02 | [91] P1.17: Analysis of discharge events in the CMS GE1/1 GEM detectors in presence of LHC beam | CALZAFERRI, Simone |
| 15:04 | [76] P1.18: The BEAR chip prototype: Design and experimental results | ANTONY GOMEZ, Ashley |

| | | |
|---|---|---|
| 15:05 | [72] P1.19: Use of the large area XSPA 500k detector for a time-resolved pump-probe-probe diffraction experiment at Synchrotron SOLEIL | Dr ORSINI, Fabienne |
| 15:07 | [69] P1.20: Optimizing and Characterizing the Timepix2 Hybrid Pixel Detector: Enhancing Performance and Precision for Scientific and Industrial Applications | HLADÍK, David |
| 15:08 | [67] P1.21: In vivo verification by means of charged fragments detection in carbon ion therapy treatments at CNAO | FRANCIOSINI, Gaia |
| 15:09 | [63] P1.22: Design and preliminary test results of the charge sensitive amplifier for Gain-less Charge Readout in High-pressure TPC | YANG, Yichen |
| 15:11 | [53] P1.23: Test beam studies of ALICE Forward Calorimeter prototypes | SOLHEIM, Emilie |
| 15:12 | [52] P1.24: High-speed Readout System of X-ray CMOS Image Sensor for the Time Domain Astronomy | OGINO, Naoki |
| 15:13 | [50] P1.25: Experimental evaluation of signal-to-noise ratio in counting detectors under pile-up conditions | MAGALHAES SUAREZ, Debora |
| 15:14 | [44] P1.26: X-ray single photon detection with XPOL-III | SGRO', Carmelo |
| 15:15 | [43] P1.27: The ATLAS ITk Strip Detector for the Phase-II LHC Upgrade | HERDE, Hannah Elizabeth |
| 15:16 | [42] P1.28: The mass production of silicon sensors for the Phase-2 CMS Tracker | DAMANAKIS, Konstantinos |
| 15:17 | [41] P1.29: Assembly and characterization of the first TRISTAN detector modules | SIEGMANN, Daniel |
| 15:18 | [33] P1.30: Test measurements of ASIC dedicated for X-ray material discrimination by using on-chip time domain integration and CdTe detector. | ZOLADZ, Miroslaw |
| 15:19 | [30] P1.31: Design and characterization of multichannel front-end electronics for detectors at HIRFL and HIAF | WAN, Shucai |
| 15:20 | [23] P1.32: System for Fast Readout and Tests of Pixel IC Operating in Single Photon Counting Mode using PCIe-based FPGA | SKRZYPIEC, Pawel |
| 15:21 | [22] P1.33: Development of a medium sized photon-counting UFXC-demonstrator at SOLEIL synchrotron | ANDRAE, Marie |
| 15:23 | [9] P1.34: Ecological transition for the gas mixtures of the MRPC cosmic ray telescopes of the EEE project | Dr RIPOLI, Cristina |
| 15:24 | [7] P1.35: Development and Characterization of an EUV/soft X-ray Single-Photon Sensitive sCMOS Camera | ABDURAKHIMOV, Nursulton |
| 15:26 | [226] P1.36: Primary scintillation in Xe for electrons and alpha-particles | Prof. M, F, DOS SANTOS, Joaquim |
| 15:27 | [216] P1.37: Multichannel integrated circuit for time-based measurements in 28 nm CMOS | Mr KADLUBOWSKI, Lukasz |
| 15:28 | [212] P1.38: Spreading of an active region of semi-insulating GaAs detectors after radiation degradation | SAGATOVA, Andrea |
| 15:29 | [209] P1.39: Design and optimization of a MPGD-based HCAL for a future experiment at Muon Collider | STAMERRA, Anna |
| 15:30 | [204] P1.40: The Nupix-S, a silicon pixel sensor for non-interceptive real-time beam monitoring. | TIAN, Yuan |
| 15:31 | [202] P1.41: Prototype Design of the Monolithic Active Pixel Sensor for Electron-ion collider in China | Ms HE, Rui |
| 15:32 | [201] P1.42: Design of Nupix-A2, a Monolithic Active Pixel sensor for heavy-ion physics | Ms HUANG, Ju |

| | | |
|---|---|---|
| 15:33 | [198] P1.43: Timing performance and efficiency of irradiated 3D-trench silicon sensors | GARAU, Michela |
| 15:34 | [197] P1.44: Test-beam timing characterisation of monolithic pixel sensors produced in modified CMOS imaging processes | BUSCHMANN, Eric |
| 15:35 | [196] P1.46: N3G Experiment: Front-End Electronics and Mechanical Advances | Dr CAPRA, Stefano |
| 15:36 | [193] P1.47: Digitizing solutions for high-resolution nuclear spectroscopy | Dr CAPRA, Stefano |
| 15:38 | [186] P1.48: A prototype Radiation Energy Measuring Integrated Circuit with an asynchronous current-pulse reset block providing analog-to-digital conversion in 28 nm CMOS | KMON, Piotr |
| 15:39 | [179] P1.49: TEMPUS – A Timepix4 readout system for photon science experiments | PENNICARD, David |
| 15:40 | [173] P1.50: Experimental analysis of small pixel effect in SI GaAs detectors via alpha particles | KURUCOVÁ, Nikola |
| 15:41 | [171] P1.51: Design and TCAD simulation of modified 3D-trench electrode sensors | YE, Jixing |
| 15:42 | [159] P1.52: Per pixel calibration of the MÖNCH0.3 hybrid pixel detector | FRÖJDH, Erik |
| 15:43 | [148] P1.53: The Trans-Iron Galactic Element Recorder for the International Space Station (TIGERISS) | Dr KRIZMANIC, John |
| 15:44 | [147] P1.54: Imaging Performance of Wide-Field X-ray Transient Localization Experiment onboard Microsatellite KOYOH | SAWANO, Tatsuya |
| 15:45 | [146] P1.55: The Phase-2 Upgrade of the CMS Inner Tracker | MIGLIORE, Ernesto |
| 15:46 | [145] P1:56: Experiment of EMPIX prototype detector for MeV ultra-fast electron diffraction and microscopy | WEI, Tong |
| 15:47 | [144] P1.57: Regression-based detector gain optimization method to improve position estimation performance of high-speed gamma imaging system | LEE, Goeun |
| 15:48 | [137] P1.58: Temperature and vacuum related effects on X-rays hybrid sensor calibration | Dr ALVES JUNIOR, Antonio Augusto |
| 15:49 | [135] P1.59: Setups for eliminating static charge of the ATLAS18 strip sensors | FEDERICOVA, Pavla |
| 15:50 | [134] P1.60: Hybrid Pixel Array Detector for Time-resolved and Imaging Applications with 56,000 fps Sustainable Frame Rate | NAKAYE, Yasukazu |
| 15:51 | [129] P1.61: X-ray and Gamma-Ray Photon Spectroscopy with Continuous Sampling Readout | GODOE, Sofia |
| 15:52 | [128] P1.62: Estimation of airborne background spectrum using deep denoising autoencoder | Mr LEE, Sangho |
| 15:53 | [127] P1.63: SpacePix Radiation Monitor: Data from the First Year of Operation in Orbit | STANEK, Pavel |
| 15:54 | [126] P1.64: Calibration procedures and data correction of ePix100 detectors at the European XFEL | DUARTE, Nuno |
| 15:55 | [125] P1.65: Comparison of photon-beam scans on 3D-positioning CZT with a defect-enabled numerical simulation | Mr DELCOURT, Alexandre |
| 15:56 | [124] P1.66: Track Lab: an extensible software package for fast acquisition (not only) of pixel detector data, online analysis and automation | Mr MANEK, Petr |
| 15:58 | [118] P1.67: UniCorn – a universal readout system for ColorPix-2 ASIC | JIRSA, Jakub |
| 15:59 | [117] P1.68: A low-noise read-out electronics for high energy resolution X-ray strip detectors | ZUBRZYCKA, Weronika |

| | | |
|---|---|---|
| 16:00 | [112] P1.69: Probability distribution maps of deposited energy with sub-pixel resolution for Timepix3 detectors | CHRISTODOULOU, Pinelopi |
| 16:01 | [3] P1.70: R&D of Fast Timing Multi Anode MCP-PMT for Radiation Imaging | QIAN, Sen |
| 16:02 | [84] P1.71: A 12x16-Gbps/ch VCSEL array driving ASIC in 130-nm SiGe BiCMOS for heavy-ion physics experiments | ZHOU, wei |
| 16:03 | [21] P1.72: 50.3ps time resolution and an 11-channel time measuring chip for Topmetal detectors | FANG, Ni |
| 16:04 | [168] P1.73: 3-Dimensional photoelectron track reconstruction and the future X-ray polarimeter | KIM, Dawoon Edwin |
| 16:05 | [12] P1.74: Ultra-Fast Energy Resolved Imager for ’Pseudo’ Laue diffraction experiments at synchrotron facilities | ORSINI, Fabienne |
| 16:06 | [10] P1.75: Dark-field Radiography for Detection of Infectious Lung Diseases: COVID-19 | Prof. PFEIFFER, Daniela |
| 16:07 | [11] P1.76: Spectral Dual-Energy and Photon Counting Detector Computed Tomography: Applications for Medical Imaging in Stroke Patients | Prof. PFEIFFER, Daniela |
| 16:08 | [149] P1.77: First simulations of Open-IMAGING PET | MOLINER, Laura |
| 16:09 | [16] P1.78: Development and validation of the KAERI-NDP system | KIM, Jinhwan |

# Wednesday 28 June 2023

**Poster (incl. coffee) - Ole-Johan Spiseri (16:40 - 18:10)**

**-Conveners: Ketil Roeed; Marco Povoli**

| time | [id] title | presenter |
|---|---|---|
| 16:40 | [195] P2.1: GEANT4 simulation study of low-Z material identification using muon tomography | GEORGADZE, Anzori |
| 16:41 | [183] P2.2: Imaging and spectrometric performance of SiC Timepix3 radiation camera | ZATKO, Bohumir |
| 16:42 | [174] P2.3: Advapix TPX3 detector with Realsense L515 Lidar Camera for Localization and Characterization of Hotspots. | SIMONS, Mattias |
| 16:43 | [156] P2.4: RIPTIDE, a proton-recoil track imaging detector for fast neutrons | MUSUMARRA, Agatino<br>CONSOLE CAMPRINI, Patrizio |
| 16:44 | [138] P2.5: Thickness-dependent characteristics of silicon-based Medipix3RX detectors at Sirius beamlines | BACK CAMPANELLI, Raul |
| 16:45 | [109] P2.6: Detection of gastrointestinal foreign bodies in pets using single grid-based dark-field X-ray imaging | Mr LEE, Jonghyeok |
| 16:46 | [105] P2.7: Development and Evaluation of Relative QA Dosimeter for Electron Beam Based on CsPbBr3 | Mr YANG, Seung-woo |
| 16:47 | [87] P2.8: Effect of the shift-variant focal spot blur on the image quality in radiography | LEE, Hunwoo |
| 16:48 | [60] P2.9: Deep learning-based soft-tissue decomposition in chest radiography using fast fuzzy C-means clustering with computed tomography dataset | Mr JEON, DUHEE |
| 16:49 | [40] P2.10: Feasibility of Using 3D CZT Drift Strip Detectors for Small Compton Camera Space Missions | Ms OWE, Selina Ringsborg Howalt |
| 16:50 | [32] P2.11: A Study on the Feasibility of High-Energy X-ray CT for Inspection of AM Products | KIM, hunhee |
| 16:51 | [4] P2.12: The R&D of The Glass Scintillator for Nuclear Detection | QIAN, Sen |
| 16:52 | [192] P2.13: All-electrical control of micromechanical bolometers for THz detection | Mr GREGORAT, Leonardo<br>Mr CAUTERO, Marco |
| 16:53 | [232] P2.14: Timepix3 multi-layer detector setup for the measurement of anomalies in angular correlation of electrons and positrons internally produced in excited 8Be and 4He | Dr BROULIM, Pavel |
| 16:54 | [229] P2.15: The impact of individual cosmic rays on a DEPFET spectroscopic X-ray imager for space telescopes | Dr MÜLLER-SEIDLITZ, Johannes |
| 16:55 | [228] P2.16: Development of Red/Infra-red Emitting Scintillators for an Alpha Dust Monitor | KUROSAWA, Shunsuke |
| 16:56 | [227] P2.17: Enhanced Readout System for Timepix3 Detectors in Large-Scale Scientific Facilities | BURIAN, Petr |
| 16:57 | [224] P2.18: Investigation of fast neutron interactions in semiconductor sensors with Timepix3 | MIHAI, Radu-Emanuel |
| 16:58 | [220] P2.19: Angular correlation measurement and magnetic field response of 169Yb for double photon coincidence imaging | Mr FENG, Boyu |
| 16:59 | [219] P2.20: Characterization of a Megapixel JUNGFRAU Detector with Novel GaAs:Cr Sensor for Photon Science Applications | PATON, Kirsty |

| | | |
|---|---|---|
| 17:01 | [217] P2.21: Fast Neutron Imaging with a p-Terphenyl Pixel Scintillation Array | KUROSAWA, Shunsuke |
| 17:02 | [214] P2.22: Alpha-ray Imaging with Alkali Copper Halide Scintillator | Mr URANO, Yusuke |
| 17:03 | [211] P2.23: SpacePix3 - response characterization and total ionising dose testing for space applications | MARCISOVSKA, Maria |
| 17:04 | [210] P2.24: Preliminary results from the Submarine Gamma Imager | Dr NTOUSKOS, Valsamis |
| 17:05 | [206] P2.25: On the possibility of Spectral Imaging for Cell Location and Cell Tracking | Prof. MENK, Ralf Hendrik |
| 17:06 | [200] P2.26: Helical sample-stepping for faster speckle-based multi-modal tomography with the Unified Modulated Pattern Analysis (UMPA) model | SAVATOVIĆ, Sara |
| 17:07 | [199] P2.27: A simulation study of instant-retrigger technology for pulse pileup correction in clinical photon-counting tomography | VRBASKI, Stevan |
| 17:08 | [191] P2.28: Distinguishing Neutron and Gamma Pulses of EJ-200 Scintillation Detector using Artificial Intelligence | Dr HOANG, Sy Minh Tuan |
| 17:09 | [190] P2.29: Radiation Portal monitor performances at low energies | Mrs LEY, Celia |
| 17:10 | [189] P2.30: Exploring coded aperture imaging with the MiniPIX EDU for high-resolution radiation belt electron pitch angle observations | REID, Riley |
| 17:11 | [185] P2.31: Chromatic detector-based spectral µCT of iodine-perfused osteochondral samples | LONGO, Renata |
| 17:12 | [182] P2.32: X-ray computed tomography of the periodically moving object | VAVRIK, Daniel |
| 17:13 | [176] P2.33: DEVELOPMENT OF A SMALL- SIZE SCINTILLATOR-BASED NEUTRON GAMMA RAY SPECTROMETER FOR TERRESTRIAL AND SPACE APPLICATIONS | ÖLÇEK, Deniz |
| 17:14 | [172] P2.34: Particle Tracking and Monitoring of High-Intensity Proton Beams with Scattering Foil and Pixel Detector Timepix3 | POKLOP, Dušan |
| 17:15 | [170] P2.35: Preclinical PET scanner with timing and 3D positioning capabilities based on semi-monolithic crystals | BENLLOCH, Jose M. |
| 17:17 | [162] P2.36: Detection of Secondary Neutrons in Proton and Gamma Radiotherapy Fields with the Pixel Detector Timepix3 | GRANJA, Carlos |
| 17:18 | [161] P2.37: Experimental and simulation study of near-field coded-mask imaging for proton therapy monitoring | URBANEVYCH, Vitalii |
| 17:19 | [158] P2.38: Development of near-infrared-sensitive single photon avalanche diode prototypes for a quantum ghost imaging system | SONG, Gyohyeok |
| 17:20 | [155] P2.39: Enhancing Design, Calibration, and Characterization of Detectors at the European XFEL with the Pulsed X-ray Test System (PulXar) | LOMIDZE, David |
| 17:21 | [154] P2.40: Spectral response of the iLGAD sensors to soft X-rays | ZHANG, Jiaguo |
| 17:22 | [153] P2.41: Performance testing of gas-tight portable RPC for muography application | Mr KUMAR, Vishal |
| 17:23 | [150] P2.42: Field Test for Performance Evaluation of a New Spent-Fuel Verification System in Heavy Water Reactor | Dr KWAK, Sung Woo |
| 17:24 | [143] P2.43: Application and image characterization of the deconvolution algorithm in an indirect X-ray imaging detector with scintillators | Dr CHA, Bo Kyung<br>Mr LEE, Hynwoo |
| 17:25 | [142] P2.44: Relative dosimeter study of therapeutic radiation beam energy based on photochromic switching film and semiconductor oxide composite for evaluating the feasibility of radiation detection capability | HEO, YEJI<br>Dr YANG, Seung Woo |
| 17:26 | [130] P2.45: SiPM characterization for the SBC dark matter search | HAWLEY HERRERA, Hector |

| | | |
|---|---|---|
| 17:27 | [121] P2.46: Neutron Radiation induced Effects in 4H-SiC PiN Diodes | GSPONER, Andreas |
| 17:28 | [115] P2.47: Patient positioning based on a helium-beam radiograph (αRad) | ZHEVACHEVSKA, Daria |
| 17:29 | [102] P2.48: Characterization of interpad "no-gain" region in the novel, trenched LGADs, from the TI-LGAD RD50 batch production using a fs-laser based TCT-SPA and TPA -TCT at the ELI Beamlines, ELI ERIC | Prof. LASTOVICKA-MEDIN, Gordana |
| 17:30 | [100] P2.49: First measurements and results of monolithic active pixel test structures produced in a 65 nm CMOS process | BUCKLAND, Matthew Daniel |
| 17:31 | [96] P2.50: Enhancing accuracy of effective atomic number mapping with deep learning-based conversion: A promising alternative to dual-energy CT | LEE, Minjae |
| 17:32 | [93] P2.51: Eliminating grid artifacts of crisscrossed antiscatter grids in CBCT for improving its image performance | Mr JEON, DUHEE |
| 17:33 | [92] P2.52: Advances in the TCAD modelling of non-irradiated and irradiated Low-Gain Avalanche Diode sensors | CROCI, Tommaso |
| 17:34 | [89] P2.53: Scintillators and image characterization of a flat-panel X-ray detector for single-exposure dual energy imaging | Dr CHA, Bo Kyung<br>Prof. SEO, Chang-Woo<br>Mr LEE, Minjae |
| 17:35 | [88] P2.54: Enhancing X-ray Detection Sensitivity through Hybrid Active Layers of PCDTBT and CdSe Core/CdTe Crown 2D Nanoplatelets | SON, JAIWON |
| 17:38 | [82] P2.55: Development of prototype backscatter X-ray security scanner for luggage inspection | AN, Geunyoung |
| 17:39 | [81] P2.56: Automatic inline defects inspection of lithium-ion battery cells using parallel-triple detection filtering (PTDF) algorithm | Mr KIM, Woosung |
| 17:40 | [80] P2.57: Effective noise reduction using a modified image pyramid incorporated with guided filtering for animal X-ray imaging | Mr KIM, Woosung |
| 17:41 | [77] P2.58: Study of bulk damage of high dose gamma irradiated p-type silicon diodes with different resistivities | ZATOCILOVA, Iveta |
| 17:43 | [68] P2.59: Simulation of Energy-Dispersive X-ray Spectroscopy Systems | WITHAAR, Thijs |
| 17:44 | [65] P2.60: Time-efficient scanning schemes for x-ray μ-CT with a 2D structured beam | Dr LIOLIOU, G. |
| 17:45 | [64] P2.61: Feasibility Study of One-Dimensional Imaging with an Optical Fiber for Radiation Dose-Rate Monitoring System in the Decommissioning Process | MATSUKURA, Daisuke |
| 17:46 | [62] P2.62: Ex/in-vivo imaging of small animals using MPPC-based photon-counting CT | SAGISAKA, Mayu |
| 17:47 | [59] P2.63: A novel reconstruction method of angle-limited backprojection (ALBP) for low-dose dental panoramic imaging using a long-rectangular detector | YANG, Hyesun |
| 17:48 | [58] P2.64: Design and simulation studies of the micro-pattern gaseous beam monitor of the CSR external-target experiment | WANG, Zhen |
| 17:49 | [49] P2.65: Charge reset shaping multiplexing for SiPMs using deep learning architecture | KIM, Semin |
| 17:50 | [48] P2.66: First application of sparse-view image reconstruction with total-variation minimization for SiPM-based photon-counting CT | SATO, Daichi |
| 17:51 | [47] P2.67: Stationary CT baggage scanner with a dual-layer detector and pi-angle sparsity for enhancing the detection of threats | SHIM, Jiyong |
| 17:52 | [45] P2.68: Improvement of phoswich detector-based β+/γ-ray discrimination algorithm with deep learning | Dr KIM, Chanho |

| | | |
|---|---|---|
| 17:53 | [38] P2.69: Signal and noise analysis of a metal oxide transistor-based flat-panel detector | OH, Seokwon |
| 17:54 | [37] P2.70: Analysis of absorption signal and noise in thin phosphor detectors for high-energy transmission radiography | KIM, Ho Kyung<br>YOO, Seungjun |
| 17:55 | [36] P2.71: Detective quantum efficiency of double-layered detectors for dual-energy x-ray imaging | SHIN, Hubeom |
| 17:56 | [31] P2.72: Eye Lens Dosimetry with Dosepix | Mr BEISSER, Florian |
| 17:57 | [28] P2.73: Position-sensitive semiconductor detectors for nuclear fuel imaging | Prof. DENDOOVEN, Peter |
| 17:58 | [27] P2.74: Experimental validation of Monte Carlo simulation model for X-ray security scanner | PARK, Junsung |
| 17:59 | [26] P2.75: Introduction of CRYTUR’s GAGG+ single crystal scintillator for imaging applications | ZAPADLIK, Ondrej |
| 18:00 | [20] P2.76: A comparative study for pile-up correction based on deep neural networks | Mr KIM, Wonku |