

24th International Workshop on Radiation Imaging Detectors

Monday, June 26, 2023

Poster (incl. coffee): 1 - Ole-Johan Spiseri (2:45 PM - 4:15 PM)

-Conveners: Marco Povoli; Ketil Roed

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

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| 3:05 PM | [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 |
| 3:07 PM | [69] P1.20: Optimizing and Characterizing the Timepix2 Hybrid Pixel Detector: Enhancing Performance and Precision for Scientific and Industrial Applications | HLADÍK, David |
| 3:08 PM | [67] P1.21: In vivo verification by means of charged fragments detection in carbon ion therapy treatments at CNAO | FRANCIOSINI, Gaia |
| 3:09 PM | [63] P1.22: Design and preliminary test results of the charge sensitive amplifier for Gain-less Charge Readout in High-pressure TPC | YANG, Yichen |
| 3:11 PM | [53] P1.23: Test beam studies of ALICE Forward Calorimeter prototypes | SOLHEIM, Emilie |
| 3:12 PM | [52] P1.24: High-speed Readout System of X-ray CMOS Image Sensor for the Time Domain Astronomy | OGINO, Naoki |
| 3:13 PM | [50] P1.25: Experimental evaluation of signal-to-noise ratio in counting detectors under pile-up conditions | MAGALHAES SUAREZ, Debora |
| 3:14 PM | [44] P1.26: X-ray single photon detection with XPOL-III | SGRO', Carmelo |
| 3:15 PM | [43] P1.27: The ATLAS ITk Strip Detector for the Phase-II LHC Upgrade | HERDE, Hannah Elizabeth |
| 3:16 PM | [42] P1.28: The mass production of silicon sensors for the Phase-2 CMS Tracker | DAMANAKIS, Konstantinos |
| 3:17 PM | [41] P1.29: Assembly and characterization of the first TRISTAN detector modules | SIEGMANN, Daniel |
| 3:18 PM | [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 |
| 3:19 PM | [30] P1.31: Design and characterization of multichannel front-end electronics for detectors at HIRFL and HIAF | WAN, Shucai |
| 3:20 PM | [23] P1.32: System for Fast Readout and Tests of Pixel IC Operating in Single Photon Counting Mode using PCIe-based FPGA | SKRZYPIEC, Pawel |
| 3:21 PM | [22] P1.33: Development of a medium sized photon-counting UFXC-demonstrator at SOLEIL synchrotron | ANDRAE, Marie |
| 3:23 PM | [9] P1.34: Ecological transition for the gas mixtures of the MRPC cosmic ray telescopes of the EEE project | Dr RIPOLI, Cristina |
| 3:24 PM | [7] P1.35: Development and Characterization of an EUV/soft X-ray Single-Photon Sensitive sCMOS Camera | ABDURAKHIMOV, Nursulton |
| 3:26 PM | [226] P1.36: Primary scintillation in Xe for electrons and alpha-particles | Prof. M, F, DOS SANTOS, Joaquim |
| 3:27 PM | [216] P1.37: Multichannel integrated circuit for time-based measurements in 28 nm CMOS | Mr KADLUBOWSKI, Lukasz |
| 3:28 PM | [212] P1.38: Spreading of an active region of semi-insulating GaAs detectors after radiation degradation | SAGATOVA, Andrea |
| 3:29 PM | [209] P1.39: Design and optimization of a MPGD-based HCAL for a future experiment at Muon Collider | STAMERRA, Anna |
| 3:30 PM | [204] P1.40: The Nupix-S, a silicon pixel sensor for non-interceptive real-time beam monitoring. | TIAN, Yuan |
| 3:31 PM | [202] P1.41: Prototype Design of the Monolithic Active Pixel Sensor for Electron-ion collider in China | Ms HE, Rui |
| 3:32 PM | [201] P1.42: Design of Nupix-A2, a Monolithic Active Pixel sensor for heavy-ion physics | Ms HUANG, Ju |

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| 3:33 PM | [198] P1.43: Timing performance and efficiency of irradiated 3D-trench silicon sensors | GARAU, Michela |
| 3:34 PM | [197] P1.44: Test-beam timing characterisation of monolithic pixel sensors produced in modified CMOS imaging processes | BUSCHMANN, Eric |
| 3:35 PM | [196] P1.46: N3G Experiment: Front-End Electronics and Mechanical Advances | Dr CAPRA, Stefano |
| 3:36 PM | [193] P1.47: Digitizing solutions for high-resolution nuclear spectroscopy | Dr CAPRA, Stefano |
| 3:38 PM | [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 |
| 3:39 PM | [179] P1.49: TEMPUS – A Timepix4 readout system for photon science experiments | PENNICARD, David |
| 3:40 PM | [173] P1.50: Experimental analysis of small pixel effect in SI GaAs detectors via alpha particles | KURUCOVÁ, Nikola |
| 3:41 PM | [171] P1.51: Design and TCAD simulation of modified 3D-trench electrode sensors | YE, Jixing |
| 3:42 PM | [159] P1.52: Per pixel calibration of the MÖNCH0.3 hybrid pixel detector | FRÖJDH, Erik |
| 3:43 PM | [148] P1.53: The Trans-Iron Galactic Element Recorder for the International Space Station (TIGERISS) | Dr KRIZMANIC, John |
| 3:44 PM | [147] P1.54: Imaging Performance of Wide-Field X-ray Transient Localization Experiment onboard Microsatellite KOYOH | SAWANO, Tatsuya |
| 3:45 PM | [146] P1.55: The Phase-2 Upgrade of the CMS Inner Tracker | MIGLIORE, Ernesto |
| 3:46 PM | [145] P1.56: Experiment of EMPIX prototype detector for MeV ultra-fast electron diffraction and microscopy | WEI, Tong |
| 3:47 PM | [144] P1.57: Regression-based detector gain optimization method to improve position estimation performance of high-speed gamma imaging system | LEE, Goeun |
| 3:48 PM | [137] P1.58: Temperature and vacuum related effects on X-rays hybrid sensor calibration | Dr ALVES JUNIOR, Antonio Augusto |
| 3:49 PM | [135] P1.59: Setups for eliminating static charge of the ATLAS18 strip sensors | FEDERICOVA, Pavla |
| 3:50 PM | [134] P1.60: Hybrid Pixel Array Detector for Time-resolved and Imaging Applications with 56,000 fps Sustainable Frame Rate | NAKAYE, Yasukazu |
| 3:51 PM | [129] P1.61: X-ray and Gamma-Ray Photon Spectroscopy with Continuous Sampling Readout | GODOE, Sofia |
| 3:52 PM | [128] P1.62: Estimation of airborne background spectrum using deep denoising autoencoder | Mr LEE, Sangho |
| 3:53 PM | [127] P1.63: SpacePix Radiation Monitor: Data from the First Year of Operation in Orbit | STANEK, Pavel |
| 3:54 PM | [126] P1.64: Calibration procedures and data correction of ePix100 detectors at the European XFEL | DUARTE, Nuno |
| 3:55 PM | [125] P1.65: Comparison of photon-beam scans on 3D-positioning CZT with a defect-enabled numerical simulation | Mr DELCOURT, Alexandre |
| 3:56 PM | [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 |
| 3:58 PM | [118] P1.67: UniCorn – a universal readout system for ColorPix-2 ASIC | JIRSA, Jakub |

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| 3:59 PM | [117] P1.68: A low-noise read-out electronics for high energy resolution X-ray strip detectors | ZUBRZYCKA, Weronika |
| 4:00 PM | [112] P1.69: Probability distribution maps of deposited energy with sub-pixel resolution for Timepix3 detectors | CHRISTODOULOU, Pinelopi |
| 4:01 PM | [3] P1.70: R&D of Fast Timing Multi Anode MCP-PMT for Radiation Imaging | QIAN, Sen |
| 4:02 PM | [84] P1.71: A 12x16-Gbps/ch VCSEL array driving ASIC in 130-nm SiGe BiCMOS for heavy-ion physics experiments | ZHOU, wei |
| 4:03 PM | [21] P1.72: 50.3ps time resolution and an 11-channel time measuring chip for Topmetal detectors | FANG, Ni |
| 4:04 PM | [168] P1.73: 3-Dimensional photoelectron track reconstruction and the future X-ray polarimeter | KIM, Dawoon Edwin |
| 4:05 PM | [12] P1.74: Ultra-Fast Energy Resolved Imager for 'Pseudo' Laue diffraction experiments at synchrotron facilities | ORSINI, Fabienne |
| 4:06 PM | [10] P1.75: Dark-field Radiography for Detection of Infectious Lung Diseases: COVID-19 | Prof. PFEIFFER, Daniela |
| 4:07 PM | [11] P1.76: Spectral Dual-Energy and Photon Counting Detector Computed Tomography: Applications for Medical Imaging in Stroke Patients | Prof. PFEIFFER, Daniela |
| 4:08 PM | [149] P1.77: First simulations of Open-IMAGING PET | MOLINER, Laura |
| 4:09 PM | [16] P1.78: Development and validation of the KAERI-NDP system | KIM, Jinhwan |

Wednesday, June 28, 2023

Poster (incl. coffee) - Ole-Johan Spiseri (4:40 PM - 6:10 PM)

-Conveners: Ketil Roeed; Marco Povoli

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

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| 4:59 PM | [219] P2.20: Characterization of a Megapixel JUNGFRU Detector with Novel GaAs:Cr Sensor for Photon Science Applications | PATON, Kirsty |
| 5:01 PM | [217] P2.21: Fast Neutron Imaging with a p-Terphenyl Pixel Scintillation Array | KUROSAWA, Shunsuke |
| 5:02 PM | [214] P2.22: Alpha-ray Imaging with Alkali Copper Halide Scintillator | Mr URANO, Yusuke |
| 5:03 PM | [211] P2.23: SpacePix3 - response characterization and total ionising dose testing for space applications | MARCISOVSKA, Maria |
| 5:04 PM | [210] P2.24: Preliminary results from the Submarine Gamma Imager | Dr NTOUSKOS, Valsamis |
| 5:05 PM | [206] P2.25: On the possibility of Spectral Imaging for Cell Location and Cell Tracking | Prof. MENK, Ralf Hendrik |
| 5:06 PM | [200] P2.26: Helical sample-stepping for faster speckle-based multi-modal tomography with the Unified Modulated Pattern Analysis (UMPA) model | SAVATOVIĆ, Sara |
| 5:07 PM | [199] P2.27: A simulation study of instant-retrigger technology for pulse pileup correction in clinical photon-counting tomography | VRBASKI, Stevan |
| 5:08 PM | [191] P2.28: Distinguishing Neutron and Gamma Pulses of EJ-200 Scintillation Detector using Artificial Intelligence | Dr HOANG, Sy Minh Tuan |
| 5:09 PM | [190] P2.29: Radiation Portal monitor performances at low energies | Mrs LEY, Celia |
| 5:10 PM | [189] P2.30: Exploring coded aperture imaging with the MiniPIX EDU for high-resolution radiation belt electron pitch angle observations | REID, Riley |
| 5:11 PM | [185] P2.31: Chromatic detector-based spectral μ CT of iodine-perfused osteochondral samples | LONGO, Renata |
| 5:12 PM | [182] P2.32: X-ray computed tomography of the periodically moving object | VAVRIK, Daniel |
| 5:13 PM | [176] P2.33: DEVELOPMENT OF A SMALL- SIZE SCINTILLATOR-BASED NEUTRON GAMMA RAY SPECTROMETER FOR TERRESTRIAL AND SPACE APPLICATIONS | ÖLÇEK, Deniz |
| 5:14 PM | [172] P2.34: Particle Tracking and Monitoring of High-Intensity Proton Beams with Scattering Foil and Pixel Detector Timepix3 | POKLOP, Dušan |
| 5:15 PM | [170] P2.35: Preclinical PET scanner with timing and 3D positioning capabilities based on semi-monolithic crystals | BENLLOCH, Jose M. |
| 5:17 PM | [162] P2.36: Detection of Secondary Neutrons in Proton and Gamma Radiotherapy Fields with the Pixel Detector Timepix3 | GRANJA, Carlos |
| 5:18 PM | [161] P2.37: Experimental and simulation study of near-field coded-mask imaging for proton therapy monitoring | URBANEVYCH, Vitalii |
| 5:19 PM | [158] P2.38: Development of near-infrared-sensitive single photon avalanche diode prototypes for a quantum ghost imaging system | SONG, Gyohyeok |
| 5:20 PM | [155] P2.39: Enhancing Design, Calibration, and Characterization of Detectors at the European XFEL with the Pulsed X-ray Test System (PulXar) | LOMIDZE, David |
| 5:21 PM | [154] P2.40: Spectral response of the iLGAD sensors to soft X-rays | ZHANG, Jiaguo |
| 5:22 PM | [153] P2.41: Performance testing of gas-tight portable RPC for muography application | Mr KUMAR, Vishal |
| 5:23 PM | [150] P2.42: Field Test for Performance Evaluation of a New Spent-Fuel Verification System in Heavy Water Reactor | Dr KWAK, Sung Woo |
| 5:24 PM | [143] P2.43: Application and image characterization of the deconvolution algorithm in an indirect X-ray imaging detector with scintillators | Dr CHA, Bo Kyung Mr LEE, Hynwoo |

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| 5:25 PM | [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 Dr YANG, Seung Woo |
| 5:26 PM | [130] P2.45: SiPM characterization for the SBC dark matter search | HAWLEY HERRERA, Hector |
| 5:27 PM | [121] P2.46: Neutron Radiation induced Effects in 4H-SiC PiN Diodes | GSPONER, Andreas |
| 5:28 PM | [115] P2.47: Patient positioning based on a helium-beam radiograph (α Rad) | ZHEVACHEVSKA, Daria |
| 5:29 PM | [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 |
| 5:30 PM | [100] P2.49: First measurements and results of monolithic active pixel test structures produced in a 65 nm CMOS process | BUCKLAND, Matthew Daniel |
| 5:31 PM | [96] P2.50: Enhancing accuracy of effective atomic number mapping with deep learning-based conversion: A promising alternative to dual-energy CT | LEE, Minjae |
| 5:32 PM | [93] P2.51: Eliminating grid artifacts of crisscrossed antiscatter grids in CBCT for improving its image performance | Mr JEON, DUHEE |
| 5:33 PM | [92] P2.52: Advances in the TCAD modelling of non-irradiated and irradiated Low-Gain Avalanche Diode sensors | CROCI, Tommaso |
| 5:34 PM | [89] P2.53: Scintillators and image characterization of a flat-panel X-ray detector for single-exposure dual energy imaging | Dr CHA, Bo Kyung Prof. SEO, Chang-Woo Mr LEE, Minjae |
| 5:35 PM | [88] P2.54: Enhancing X-ray Detection Sensitivity through Hybrid Active Layers of PCDTBT and CdSe Core/CdTe Crown 2D Nanoplatelets | SON, JAIWON |
| 5:38 PM | [82] P2.55: Development of prototype backscatter X-ray security scanner for luggage inspection | AN, Geunyoung |
| 5:39 PM | [81] P2.56: Automatic inline defects inspection of lithium-ion battery cells using parallel-triple detection filtering (PTDF) algorithm | Mr KIM, Woosung |
| 5:40 PM | [80] P2.57: Effective noise reduction using a modified image pyramid incorporated with guided filtering for animal X-ray imaging | Mr KIM, Woosung |
| 5:41 PM | [77] P2.58: Study of bulk damage of high dose gamma irradiated p-type silicon diodes with different resistivities | ZATOCILOVA, Iveta |
| 5:43 PM | [68] P2.59: Simulation of Energy-Dispersive X-ray Spectroscopy Systems | WITHAAR, Thijs |
| 5:44 PM | [65] P2.60: Time-efficient scanning schemes for x-ray μ -CT with a 2D structured beam | Dr LIOLIIOU, G. |
| 5:45 PM | [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 |
| 5:46 PM | [62] P2.62: Ex/in-vivo imaging of small animals using MPPC-based photon-counting CT | SAGISAKA, Mayu |
| 5:47 PM | [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 |
| 5:48 PM | [58] P2.64: Design and simulation studies of the micro-pattern gaseous beam monitor of the CSR external-target experiment | WANG, Zhen |
| 5:49 PM | [49] P2.65: Charge reset shaping multiplexing for SiPMs using deep learning architecture | Kim, Semin |
| 5:50 PM | [48] P2.66: First application of sparse-view image reconstruction with total-variation minimization for SiPM-based photon-counting CT | SATO, Daichi |

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| 5:51 PM | [47] P2.67: Stationary CT baggage scanner with a dual-layer detector and pi-angle sparsity for enhancing the detection of threats | SHIM, Jiyong |
| 5:52 PM | [45] P2.68: Improvement of phoswich detector-based β + γ -ray discrimination algorithm with deep learning | Dr KIM, Chanho |
| 5:53 PM | [38] P2.69: Signal and noise analysis of a metal oxide transistor-based flat-panel detector | OH, Seokwon |
| 5:54 PM | [37] P2.70: Analysis of absorption signal and noise in thin phosphor detectors for high-energy transmission radiography | KIM, Ho Kyung YOO, Seungjun |
| 5:55 PM | [36] P2.71: Detective quantum efficiency of double-layered detectors for dual-energy x-ray imaging | SHIN, Hubeom |
| 5:56 PM | [31] P2.72: Eye Lens Dosimetry with Dosepix | Mr BEISSER, Florian |
| 5:57 PM | [28] P2.73: Position-sensitive semiconductor detectors for nuclear fuel imaging | Prof. DENDOOVEN, Peter |
| 5:58 PM | [27] P2.74: Experimental validation of Monte Carlo simulation model for X-ray security scanner | PARK, Junsung |
| 5:59 PM | [26] P2.75: Introduction of CRYTUR's GAGG+ single crystal scintillator for imaging applications | ZAPADLIK, Ondrej |
| 6:00 PM | [20] P2.76: A comparative study for pile-up correction based on deep neural networks | Mr KIM, Wonku |