

Poster #	Id	First name	Last name	Title
2C-11	233	Christian	Bacchi	Pragmatic method for fast programming of Hybrid Photon Counting Detectors
2-B06	154	Abderrezak	Boughedda	Comparing different bulk radiation damage models in TCAD simulations of small-pitch 3D Si sensors
2-B08	193	Jens Erik	Brucken	AC-coupled pixel detectors for high luminosity environments
2D-18	293	Petr	Burian	Multidetector Embedded Readout Interface for Timepix3
2D-10	274	Beatrice	Cervato	Performance of high-density indium bump-bonding.
2-A08	158	Qiangjun	Chen	LDLA14: a 14 Gbps optical transceiver ASIC in 55nm for High-Energy Physics Experiments
2D-11	277	Manuel	Christanell	4H-Silicon carbide as particle detector for high-intensity ion beams
2-B03	184	Silvia	Coli	Thermo-mechanical design for ALPIDE pixel sensor chip in a High-Energy Particle Detector space module
2-B13	200	Marin	Collonge	Monte Carlo Simulations for XIDER, a Novel Digital Integration X-ray Detector for the Next Generation of Synchrotron
2-B15	203	Francesco	Fallavollita	High rate capability studies of triple-GEM detectors for the ME0 upgrade of the CMS Muon Spectrometer
2-A13	171	Santiago	Folgueras	Trigger primitive generation algorithm in the CMS barrel muon chambers during HL-LHC
2C-10	229	Thomas	Fritzas	3D TSV Hybrid Pixel Detector Modules with ATLAS FE-14 Readout Electronic Chip
2-A02	141	Antonio	Gioiosa	Data acquisition and slow control interface for the Mu2e experiment
2-A05	149	Carlos	Henriques	Absolute primary scintillation yield in Xe for electrons and alpha particles
2D-15	290	Sy Minh Tuan	HOANG	CVD Diamond Detectors and Performance for Neutron Detecting: Design and Development
2-A09	160	Rastislav	Hodak	Advanced plastic scintillation detectors for low-background experiments
2D-02	252	Jisung	Hwang	Design optimization of silicon photomultipliers using performance parameter modeling for scintillation detector applications
2-B11	198	Jakub	Jirsa	Multi-threshold Window Discriminator Based on SAR Logic
2-A01	135	Lydia	Jowitt	HEXITEC 2x2: Tiled Hard X-Ray Spectroscopic Imaging Detector System
2D-07	267	Lukasz	Kadlubowski	Vernier Time-to-Digital Converter with Ring Oscillators for in-Pixel Time-of-Arrival and Time-over-Threshold measurement in
2-B14	202	RAJAKRISHNA	KALVALA	Study of enhancement of luminescence with addition of phosphor materials in plastic scintillators.
2C-06	223	Ji-hoon	Kim	Design and image quality evaluation of DSLR (digital single-lens reflex) based X-ray imaging detector with different
2D-05	264	Cheonghun	Kim	Design and fabrication of high time resolution SOI-SIPM
2-B07	191	Stefanie	Kirschenmann	Quality assessment of Cadmium Telluride as a detector material for multispectral medical imaging
2-A10	164	Piotr	Kmon	SPECTRUM 1k – Integrated Circuit for Medical Imaging Designed in CMOS 40 nm
2-A12	169	Kilyoung	Ko	Characteristic Evaluation of Intrinsic Radiation of <sup>176</sup> Lu in Scintillation Crystal
2C-15	243	Aleksandra	Krzyżanowska	Measurements of charge sharing in a hybrid pixel photon counting CdTe detector.
2D-09	272	Sunil	Kumar	Radiation Background Simulation and Comparison with data for the GE1/1 Triple-GEM detector
2C-01	204	Bo	Kyung Cha	Effects and image evaluation of high-resolution scintillators on digital X-ray detector for intra-oral radiography
2-B01	180	Rui	Mano	Electroluminescence yield in noble gases in uniform electric fields
2D-13	279	Larissa	Mendes	The commissioning of PIMEGA-540D: a Medipix3RX based Large Area Detector
2C-14	242	Mauro	Menichelli	Testing of planar hydrogenated amorphous silicon sensors with charge selective contacts for the construction of 3D-
2-A14	174	Jelena	Mijuskovic	High-rate readout with precise time resolution of a high-granularity calorimeter: the case of the CMS Electromagnetic
2D-14	280	Sandeep	Miriyala	Waveform Analysis Using Machine Learning Algorithms on the Front-end Electronics
2D-01	246	Laura	Moliner	Metascintillators: a new approach in radiation imaging
2C-05	221	Arianna	Morozzi	Negative Capacitance effects in ferroelectric devices: a TCAD numerical simulation approach
2C-02	210	Ishan	Muthugalaraj	Portable Muon Telescope for multidisciplinary applications
2C-13	239	Carlos	Navarrete-León	Poisson noise analysis of the Pixirad-2/PixIE-III photon-counting detector
2-A03	142	Juraj	Páterek	Time-Resolved X-ray Spectroscopy of RE3+-codoped YAG:Ce Scintillator with a Picosecond Resolution
2-A15	177	Antonello	Pellecchia	Development and performance of a fast timing micro-pattern gaseous detector for future collider experiments and medical
2D-03	258	Giovanni	Pinaroli	Multi-channel front-end ASIC for a 3D position-sensitive detector
2-B10	195	Andrea	Sagatova	Semi-insulating GaAs detectors degraded by 8 MeV electrons up to 1500 kGy
2-A11	167	Tasneem	SALEEM	Hexagonal Pixel Multi-element Germanium Detector For Synchrotron Applications: Simulation of Detector Performance
2-B02	183	Amrutha	Samalan	The upgrade of CMS Resistive Plate Chambers for HL-LHC
2-A04	144	Md Arif	Samy	Characterization of FBK 3D pixel sensor modules based on RD53A readout chip for the ATLAS ITk
2C-12	234	Kiana	Setoodehnia	Calibration of a pnCCD Detector at European XFEL
2C-07	225	Pedro	Silva	The Annular Anode Gas Proportional Scintillation Counter
2-B09	194	Navrit Johan	Singh Bal	Medipix3 proton and carbon ion measurements across full energy ranges and at clinical flux rates in MedAustron IR1
2D-04	260	Yuan	Tian	An 8-bit low-power and small-area column-parallel ADC in the MAPS for beam imaging
2D-08	271	Frederic	Van Assche	A new six-sensor HEXITEC readout incorporating the WiggleCam technique
2C-09	228	Elena	Voevodina	Commissioning of the new small-diameter Monitored Drift Tube detectors for the phase-1 upgrade of the ATLAS muon
2C-04	216	Zhigang	Wang	Prototype design and performance test of a cosmic ray tracker
2C-08	227	Xuezhi	Wang	First experimental test of a photon counting detector
2D-17	292	Yao	Wang	Development of an On-Chip configurable DAC array for Monolithic Active Pixel Sensor
2-B06	190	Chen	Xing Meng	A 5-Gbps Serializer ASIC in 130 nm for Radiation Readout Environment
2C-03	213	Wojciech	Zabołotny	GBTX emulator for development and special versions of GBT-based readout chains
2-B12	199	Bohumir	Zatko	The radiation hardness comparison of Si, SiC, GaAs and CdTe detectors under high-energy electron irradiation
2D-06	266	Honglin	Zhang	The CDAU - a common data acquisition unit for the radiation imaging detectors at HIRFL-CSR
2-A07	157	Cong	Zhao	A 25 Gbps VCSEL Driving ASIC for Applications in High-Energy Physics Experiments
2D-12	278	Chengxin	Zhao	Therapeutic Carbon-Ion effects on Monolithic Active Pixel Sensor with 130nm High-Resistivity Process
2D-16	291	Wei	Zhou	Development of an On-Chip Data Transmission Link for Monolithic Active Pixel Sensor
2-B05	189	Miroslaw	Zoladz	X-ray imaging of moving objects using on-chip TDI and MDX methods with single photon counting CdTe hybrid pixel detector
2-B04	186	Paolo	Zuccon	The DAQ system for the HEPD-02 tracker: a clock-on-demand approach for using Monolithic Active Pixel Sensors in space