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93	A high-precision two-stage Time-to-Digital Converter in 180 nm CMOS Technology	Jiajun Qin
104	Hybrid Scrubber of SEM and Picoblaze for FPGA on COMET Read-out Electronics	Eitaro Hamada
106	CMOS MAPS with a novel readout scheme for the STCF Inner tracker	Dongwei Xuan
108	Research and Application of SIMD-Based Online Data Processing Acceleration Technology	Pengfei Xiao
110	Nupix-H1, a MAPS for real time beam monitoring at HIAF	Hong Yuan
112	Thermal neutron induces Single-Event Upsets in the FPGA used in particle physics experiments	Chihiro Yamada
115	Design of a Pixel Readout Chip for Silicon Drift Detector With Event Driven Readout Method	Wenxuan Cao
117	Design of Large Dynamic Range Readout Electronics for the Prototype Calorimeter of VLAST	Qian Chen
131	Design and Implementation of Single-server DAQ System for HEPS-BPIX4	Xuanzheng Yang
134	A lock-in amplifier module for CO2 dispersion interferometer on EAST tokamak	Yuan Yao
141	Real Time FFT Calculation Using FPGA PCIe card for KSTAR Magnetohydrodynamic Analysis	Weiguo Que
145	Alarm and recovery system in the Belle II operation	Takuto Kunigo
146	Measuring Performance Under Failures in the LHCb Data Acquisition Network	Eloise Noelle Stein
148	Synchronization between detector and motion axes in a neutron instrument	Harald Kleines
154	Study of Decoupler: Empowering FPGA Debugging with ESP32 and IoT	Yifan Yang
165	A Fully Reconfigurable Pipelined Architecture for FPGA-based Parallel PRBS Test Pattern Generators	Chengyang Zhu
169	AI-Based Online Spectral Classification of Copper Alloys using Prompt-Gamma Neutron Activation Analysis (PGNAA)	Helmand Shayan; Markus Lange-Hegermann
183	The HIPA radio frequency control system application	Mario Jurcevic
185	Online parameter identification and control in the commissioning of nozzle for CIAE	Zhiguo Yin
186	Design and tuning of a fast beam energy selection control system for CYCIAE-230	Qiqi Song
187	Development and commissioning of the beam diagnostics for CIAE proton therapy beamline system	Yang Wang
194	Digital oscilloscope-based acquisition for fast and dynamic sampling of photodetector signals	Son Cao