

RT2022 – Aug 2nd, 2022, - Tuesday – Mini Oral Session II

6	Cosmin-Gabriel Samoila	Topological Calorimeter Clustering on GP-GPU at ATLAS using CUDA #6
9	Ralf Spiwoks	Continuous integration for the software and the firmware of the new ATLAS Muon- Central-Trigger-Processor-Interface (MUCTPI) #9
11	Felix Zahn	FELIX: the new ATLAS readout system from Run 3 to High Luminosity LHC #11
12	Serguei Kolos	Software based readout driver evolution towards 1 MHz readout as part of the ATLAS HL-LHC upgrade #12
13	Alessandra Camplani	Event Filter Tracking for the Upgrade of the ATLAS Trigger and Data Acquisition System #13
15	Yao Teng	Readout Electronics Based on Plastic Scintillator Fibers in COMET Experiments #15
45	Yoichi Igarashi	A local event builder for the COMET CDC with ZeroMQ #45
46	Shuchen Song	Active Control of Resistive Wall Modes by Saddle Coils in Keda Torus eXperiment #46
53	Victor Costa	Analysis of the portability of a testing exchangeability using a randomized power martingale algorithm in FPGA-based devices #53
64	Qicai Li	Design of Low-Power Readout Electronics for 3He Tube Position-Sensitive Neutron Detectors at CSNS #64
67	Xiaohu Wang	Readout Electronics of Deep-sea In-situ Active Neutron Detector #67
69	Jie Zhang	The mircoTCA.4 fast control and processing board for generic control and data acquisition applications for HEP experiments #69
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86	Dmytro Levit	Trigger and Timing Interface for the Read-Out Upgrade of the Belle II DAQ #86
87	Xianqin Li	Readout electronics for the gamma detector of the HIRFL-CSR External Target Facility #87
125	Yu Peng, Xiaolu Ji	Study of a software multiplicity-trigger algorithm #125
128	Pedro Manuel Mendes Correia	Pulse waveform data processing for preclinical PET scanners using discrete frontend electronics and FPGA #128