International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (PIXEL2018)

Monday, 10 December 2018

Poster section: Poster - Activity Center (14:10 - 20:00)

time	[id] title	presenter
14:30	[9] Design and Test of ASIC driver and readout for scientific CCD detectors	Ms GAO, Jie
14:40	[12] A TOSA/ROSA-Based Optical Transmitter (MTx+)/Transceiver (MTRx+) for High-Energy Physics Experiments	Dr DENG, Binwei
14:50	[14] The read-out ASIC of Gotthard-II Detector	Dr SHI, Xintian
15:00	[21] Module Development for the Phase-2 ATLAS ITk Pixel Upgrade	KOBAYASHI, Dai
15:10	[25] A 5.12 Gbps serial data receiver for active cable for ATLAS Inner Tracker Pixel Detector readout upgrade	XIAO, Le
15:20	[27] A Readout Network for High-Density Electrode Array Targeting Neutrinoless Double-Beta Decay Search in TPC	Mr YOU, Bihui
15:30	[29] A Time-to-Digital Converter Based on DLL with High Accuracy Measurement Using 130nm Technology	WANG, Jian
15:40	[30] A 14-Gbps/ch VCSEL Array Driving ASIC in 65 nm CMOS for High-Energy Physics Experiments	Dr GUO, Di
15:50	[32] Study of Charge Collection Diode in a Monolithic Active Pixel Sensor for beam monitoring in heavy ion beam therapy facility	Dr YANG, Haibo
16:00	[40] Developments towards a Serial Powering scheme in a monolithic CMOS technology for the ATLAS pixel upgrade	BHAT, Siddharth
16:10	[44] A 110nm CMOS process for fully-depleted pixel sensors	PANCHERI, Lucio
16:30	[51] Development of the pixel detector for the ΔE-E telescope system at the HIRFL-CSR	Mrs LI, Ronghua
16:40	[55] Microchannel CO2 cooling for the LHCb VELO Upgrade	DE AGUIAR FRANCISCO, Oscar Augusto
16:50	[57] MAPS sensor for cosmic applications designed in 180 nm SOI CMOS technology	Mr BENKA, Tomas
17:00	[68] Development of Time-over-Threshold ASICs for radiation sensors	ORITA, Tadashi
17:10	[69] Development of a front-end ASIC for CdTe Hybrid Pixel Detector	ORITA, Tadashi Dr TAKEDA, Shin'ichiro
17:20	[70] Feasibility study of the algorithm for identifying multiple gamma-ray scattering sequence in a pixelated CdZnTe detector	Dr CHO, Hwa Youn
17:30	[80] Single-Event-Hardened Timing Generator for Waveform Digitizer based readout electronics	Dr BALAJI , Srinivasan
17:40	[84] jPix - a multiplatform acquisition package for Timepix 3	BROULIM, Jan
17:50	[85] FPGA Accelerated Computing for Particle Identification in High-Energy Physics Experiments	Dr BALAJI, Srinivasan Dr MEGANATHAN, D

18:00	[86] Alpha calibration of the Timepix pixel detector exploiting energy information gained from a common electrode signal	Dr HOLIK, Michael
18:10	[88] The All-sky Medium Energy Gamma-ray Observatory: Instrument and Mission Capabilities	Dr PERKINS, Jeremy S.
18:20	[89] First CMS results on 3D pixel sensors interconnected to RD53A readout chip after high energy proton irradiation	MESCHINI, Marco
18:30	[92] The CMS High Granularity Calorimeter for HL-LHC	CHIEN, Chia-Hung