

24th International Workshop on Radiation Imaging Detectors

Monday, June 26, 2023

Front-end Electronics and Readout: 1 - Simula Auditorium (1:15 PM - 2:45 PM)

-Conveners: Dirk Meier

time	[id] title	presenter
1:15 PM	[246] INVITED: SWIR/NIR SPAD Image Sensors for LIDAR and Quantum Imaging Applications	Prof. CHARBON, Edoardo
1:45 PM	[188] Development of Infrared Image Sensors	Mr ØSTMOE, Torbjørn
2:05 PM	[111] Spacepix-3: SoI MAPS Detector for Space Radiation Monitoring	Dr VANCURA, Pavel
2:25 PM	[29] High-rate, high-resolution single photon X-ray imaging: Medipix4, a large 4-side buttable pixel readout chip with high granularity and spectroscopic capabilities	SRISKARAN, Viros

Wednesday, June 28, 2023

Front-end Electronics and Readout: 2 - Simula Auditorium (1:30 PM - 3:00 PM)

-Conveners: Jiaguo Zhang

time	[id] title	presenter
1:30 PM	[251] INVITED: Challenging the limits of detection technology to overcome society's most important challenges	SCHULZE-BRIESE, Clemens
2:00 PM	[136] ePixUHR-35kHz: a read-out ASIC for tender X-ray imaging at LCLS-II with 35 kHz frame-rate	ROTA, Lorenzo
2:20 PM	[151] Balancing gain and dynamic range in a 25 μm pitch hybrid pixel detector	Dr HEYMES, Julian
2:40 PM	[223] An Analog Neural Network ASIC for Image Reconstruction Embedded in Detectors	CARMINATI, Marco