

23rd International Workshop on Radiation Imaging Detectors

Monday 27 June 2022

Detector Systems - Room Garda (09:00 - 10:30)

-Conveners: Christer Fröjdh

time	[id] title	presenter
09:00	[216] INVITED: Advances in Thermal Neutron Detection: Retrospective of the Past Decade and Current Trends in Future Developments in the Context of Construction of the European Spallation Source	HALL-WILTON, Richard HALL-WILTON, Richard
09:30	[98] RIPTIDE: a proton-recoil track imaging detector for fast neutrons	VILLA, Mauro
09:50	[103] J- PET detection modules based on plastic scintillators for performing studies with positron and positronium beams at the Anti-Matter Laboratory	Dr SHARMA, Sushil
10:10	[204] Diagnostics at pulsed radiation sources using a hyperspectral, high framerate HEXITEC camera system	Mr VAN ASSCHE, Frederic

Tuesday 28 June 2022

Detector Systems: 2 - Room Garda (10:50 - 12:50)

-Conveners: Roelof de Vries

time	[id] title	presenter
10:50	[54] Design study and spectroscopic performance of SOI pixel detector with a pinned depleted diode structure for X-ray astronomy	Mr YUKUMOTO, Masataka
11:10	[136] Results from Single Event Effect Tests with MIMOSIS-1	ARNOLDI-MEADOWS, Joshua Benedict
11:30	[36] The PERCIVAL 2-Megapixel soft X-ray CMOS Imager – Status and Prospects	WUNDERER, Cornelia
11:50	[41] Development of Low Noise Pixels and Readout Architectures for Scientific Applications in a 180nm CMOS Image Sensor Process	GUERRINI, Nicola Carlo
12:10	[106] Development of CoRDIA: An Imaging Detector for next-generation Synchrotron Rings and Free Electron Lasers	TRUNK, Ulrich
12:30	[126] Development of the Control Plane and Data Path for a 1MHz Continuous Frame Rate Spectroscopic X-ray Imaging Detector System	NOBES, Joseph

Wednesday 29 June 2022

Detector Systems: 3 - Room Garda (08:30 - 10:20)

-Conveners: Cinzia Da Via

time	[id] title	presenter
08:30	[222] INVITED: Reading 4D pixels at 20 ps in CMOS 28-nm technology	LAI, Adriano
09:00	[145] A Silicon Vertex Detector with Timing for the Upgrade II of LHCb	HAIMBERGER, Jakob
09:20	[127] ATLAS ITk Pixel Detector Overview	HEGGELUND, Andreas Lokken
09:40	[159] The CMS Pixel Detector for the High Luminosity LHC	CASSESE, Antonio
10:00	[35] First results of the newly installed, MAPS based, ALICE Inner Tracking System	Prof. BEOLE, Stefania Maria