



# 24th International Workshop on Radiation Imaging Detectors

## Monday, 26 June 2023

### Detector Systems: 1 - Simula Auditorium (11:00 - 12:30)

-Conveners: Christer Froeje

time	[id] title	presenter
11:00	[245] INVITED: Detectors for the future European XFEL	TURCATO, Monica
11:30	[139] A Photon counting soft X-ray detector capable of gated operation at extremely high input fluxes	Dr TREMSIN, Anton
11:50	[55] ALICE ITS3: a vertex detector based on truly cylindrical, wafer-scale Monolithic Active Pixel Sensors	SULJIC, Miljenko
12:10	[233] Upgrade of Belle II Vertex Detector with CMOS Pixel Technology	Ms SCHWICKARDI, Marike

## Tuesday, 27 June 2023

### Detector Systems: 2 - Simula Auditorium (10:50 - 12:40)

-Conveners: Roelof de Vries

time	[id] title	presenter
10:50	[247] INVITED: X-ray Detectors for LCLS-II with real-time information extraction: the SparkPix family	ROTA, Lorenzo
11:20	[51] Characterization results of the first small pixel high rate (SPHIRD) photon counting hybrid pixel detector prototypes	MAGALHAES SUAREZ, Debora
11:40	[56] Design and characterisation of a treatment monitoring system for carbon-ion radiotherapy based on 28 Timepix3 detectors	Dr KELLETER, Laurent
12:00	[169] Flexible X-Ray Imaging Detectors Using Scintillating Fibers	WILBUR, Scott
12:20	[157] Single photon counting pixel detector below 1 keV using LGAD sensors	BARUFFALDI, Filippo

# Wednesday, 28 June 2023

## Detector Systems: 3 - Simula Auditorium (15:30 - 16:40)

-Conveners: Joaquim Marques Ferreira Dos Santos

time	[id] title	presenter
15:30	[181] INVITED: Instrumentation for FLASH Radiotherapy	ROMANO, Francesco
16:00	[222] Photon Induced Scintillation Amplifier - The PISA Concept	Dr BERNARDES MONTEIRO, Cristina M.
16:20	[165] Progress with CdTe and high-flux CdZnTe XIDER detector prototypes	FAJARDO, Pablo

# Thursday, 29 June 2023

## Detector Systems: 4 - Simula Auditorium (10:50 - 12:40)

-Conveners: heinz graafsma

time	[id] title	presenter
10:50	[254] INVITED: Position-sensitive detectors and their readout as an enabling technology for high-energy astrophysics	MOISEEV, Alexander
11:20	[132] Monolithic HV-CMOS sensors for a beam monitoring system of therapeutic ion beams	TOPKO, Bogdan
11:40	[70] A new nuclear imaging detection technology for total body, flexible and fast SPECT diagnoses.	MARAFINI, Michela
12:00	[166] Particle tracking with Miniaturized Timepix3 detectors as Compton gamma camera and applications in space	JAKUBEK, Jan
12:20	[225] A four-dimensional timing RPC neutron detector concept	MARGATO, Luís