

18th "Trento" Workshop on Advanced Silicon Radiation Detectors

Wednesday, 1 March 2023

CMOS: 1 - Aula Grande (13:50 - 15:50)

-Conveners: Gianluigi Casse

time	[id] title	presenter
13:50	[1] Performance and radiation hardness of Tower 180 nm MALTA monolithic pixel sensors	GAZI, Martin
14:10	[21] First results on monolithic pixel sensors test structures in the 65 nm technology	PERCIBALLI, Stefania
14:30	[24] MightyPix: An HV-CMOS Pixel Chip for LHCb's Mighty Tracker	SCHERL, Sigrid
14:50	[39] Performance of the RD50-MPW3 HV-CMOS Detector	KRAEMER, Uwe
15:10	[28] Design and performance of UKRI-MPW0: an HV-CMOS prototype with a novel sensor cross-section	ZHANG, Chenfan
15:30	[18] A CMOS pixels upgrade for the Belle II Vertex Detector	MASSACCESI, Ludovico

Thursday, 2 March 2023

CMOS: 2 - Aula Grande (10:50 - 12:30)

-Conveners: Richard Hall-Wilton

time	[id] title	presenter
10:50	[25] AstroPix: A novel HV-CMOS pixel sensor for space-based experiments	STRIEBIG, Nicolas
11:10	[38] SpacePix3: SOI MAPS Detector for Space Radiation Monitoring	VANCURA, Pavel
11:30	[27] Characterisation of a digital SiPM in 150 nm CMOS Imaging Technology	VIGNOLA, Gianpiero
11:50	[52] MoTiC (Monolithic Timing Chip)	BURKHALTER, Stephan
12:10	[3] MONOLITH - picosecond time stamping capabilities in fully monolithic highly granular silicon pixel detectors	Mr MILANESIO, Matteo