

The 2022 International Workshop on the High Energy Circular Electron Positron Collider

Monday, 24 October 2022

Silicon Detector: 1 - A623 (10:00 - 12:00)

-Conveners: Meng Wang; Harald Fox

time	[id]	title	presenter
10:00	[238]	Status of the CEPC vertex and tracking detector R&D	WEI, Wei
10:30	[239]	R&D on the SOI technology for the vertex detector of CEPC Yunpeng	ZHOU, Yang
10:50	[240]	The Silicon Electron Multiplier Sensor	Dr HALVORSEN, Mariuz
11:10	[241]	Small Pitch Detector Hybridisation and Integration	SVIHRA, Peter

Silicon Detector: 2 - A415 (13:30 - 15:30)

-Conveners: Stefano Matthias Panebianco

time	[id]	title	presenter
13:30	[242]	Challenges for CMOS monolithic sensors	SNOEYS, Walter
14:30	[243]	Low gain Avalanche diode (LGAD) for 4D-tracking	FERRERO, Marco
15:00	[244]	Review of 3D pixel technology	Prof. DALLA BETTA, Gian-Franco

Silicon Detector: 3 - A415 (16:00 - 18:00)

-Conveners: Kazuyoshi Akiba; Massimo Caccia

time	[id]	title	presenter
16:00	[245]	DART28 - radiation tolerant high speed links	Dr BIEREIGEL, Stefan
16:20	[246]	On-detector powering: current technologies and ongoing R&D	Dr RIPAMONTI, Giacomo
16:40	[247]	ALICE ITS3 - bent, wafer-scale CMOS detector	Dr KLUGE, Alexander
17:00	[248]	MightyPix: A HV-CMOS Pixel Sensor for LHCb Mighty Tracker	PERIC, Ivan
17:20	[249]	Operational Experience and Performance of the Belle II Pixel Detector	Dr BOLZ, Arthur
17:40	[322]	Belle II VTX-DMAPS upgrade	Prof. BAUDOT, Jerome