

The 2023 International Workshop on Circular Electron Positron Collider (European Edition)

Monday 03 July 2023

Parallel - Detector: Silicon tracking detector - Lecture Theatre A (14:00-15:40)

-Conveners: Zhijun Liang; Harald Fox; Attilio Andreazza; Meng Wang

time	[id] title	presenter
14:00	[55] CMOS sensor R&D for next-generation vertex detector	MAGER, Magnus
14:20	[56] CMOS pixel developments in AIDAInnova	GRINSTEIN, Sebastian
14:50	[57] CEPC vertex detector prototype status	LIANG, Zhijun
15:10	[58] Submission of sensors with stitching technologies	ZHANG, Liang

Parallel - Detector: Gaseous Tracker - Lecture Theatre A (16:10-17:58)

-Conveners: Huirong Qi; Mingyi Dong; Riccardo Farinelli

time	[id] title	presenter
16:10	[92] PID with Cluster Counting for the Drift Chamber of CEPC	Dr WU, Linghui
16:30	[93] μ RWELL technology for application in future facilities	Dr MORELLO, Gianfranco
16:50	[94] Resistive Plate Chamber: status and future challenges	Dr PUGLIESE, Gabriella
17:10	[95] Updated progress of TPC R&D for CEPC (Remote)	QI, Huirong
17:30	[97] Update of the IDEA drift chamber (Remote)	Dr DE FILIPPIS , Nicola

Tuesday 04 July 2023

Parallel - Detector: Silicon Tracking Detector - Lecture Theatre 1 (09:00-11:00)

-Conveners: Harald Fox; Meng Wang; Attilio Andreazza; Zhijun Liang

time	[id] title	presenter
09:00	[59] ATLASPIX3 testbeam results	ZANZOTTERA, Riccardo
09:20	[60] Prototyping a long stave for the CEPC silicon tracker	BOSI, Filippo
09:40	[61] The Mightytracker project for the LHCb upgrade	VILELLA, Eva
10:00	[62] Updates on the 55 nm technologies	LI, Yiming
10:20	[63] LGAD developments for HGTD and for CEPC time of flight detector	FAN, Yunyun
10:40	[64] 3D SOI pixel sensor update	ZHOU, Yang

Parallel - Detector: Trigger and Data Acquisition - Lecture Theatre 1 (11:30-12:50)

-Conveners: Benjamin Wynne; Stewart Martin-Haugh

time	[id] title	presenter
11:30	[26] Trigger and DAQ in FCCee	LEONIDOPOULOS, Christos
11:50	[27] Technology Horizon Scanning: CodePlay	BIELSKI, Rafal
12:10	[29] The FELIX Readout System	GOTTARDO, Carlo Alberto
12:30	[30] Technology Horizon Scanning: GraphCore	TITTERTON, Alex

Parallel - Detector: Calorimeter - Lecture Theatre 1 (14:00-16:00)

-Conveners: Iacopo Vivarelli; Yong Liu

time	[id] title	presenter
14:00	[98] CALICE SiW-ECAL beam tests in 2022 - results and outlook	OKUGAWA, Yuichi
14:20	[99] SDHCAL for circular colliders (15 + 5)	Prof. LAKTINEH, Imad
14:40	[100] CERN beamtests with CALICE scintillator-based ECAL+HCAL prototypes (15+5)	MURATA, Tatsuki
15:00	[102] Overview of fibre-based dual readout calorimeter: activities and highlights (15+5)	PARETI, Andrea PARETI, Andrea
15:20	[101] Overview of crystal-based dual readout calorimeter: activities and highlights (15+5)	CETORELLI, Flavia

Parallel - Detector: Calorimeter - Lecture Theatre 1 (16:10-17:50)

-Conveners: Iacopo Vivarelli; Yong Liu

time	[id] title	presenter
16:10	[106] LAr calorimeters for future colliders (15+5)	NIKIFOROU, Nikiforos NIKIFOROU, Nikiforos
16:30	[103] HGC crystal ECAL: hardware development activities and highlights (15 + 5)	GUO, Fangyi Dr GUO, Fangyi

16:50	[104] HGC crystal ECAL: software development progress and highlights (15+5)	ZHANG, Yang
17:10	[105] Glass scintillator calorimeter R&D activities: simulation, glass synthesizing and beam test (15+5)	QIAN, Sen

Wednesday 05 July 2023

Parallel - Detector: MDI - Lecture Theatre 1 (09:00-10:40)

-Conveners: Haoyu Shi

time	[id] title	presenter
09:00	[109] Beam Backgrounds and MDI Design at the CEPC	SHI, Haoyu
09:20	[110] Progress in the design of CEPC Detector Beampipe	JI, Quan
09:40	[15] Px-kick impact on luminosity measurement at the Z-pole CEPC	BOZOVIC, Ivanka
10:00	[111] Update Design of LumiCal	HOU, suen
10:20	[112] Preliminary Conceptual Design of Luminosity Monitor at the CEPC	MENG, Li