



# The 2023 International Workshop on the High Energy Circular Electron Positron Collider

Tuesday, 24 October 2023

## Electronics: 1 - CEPC Room 2 (11:00 - 12:30)

-Conveners: Paulo Moreira

time	[id] title	presenter
11:00	[132] CEPC detector requirements on electronics	
11:30	[128] Development of TaichuPix pixel chips for the first CEPC vertex detector prototype	ZHANG, Ying
11:48	[129] 3D-integrated pixel circuit for a low power and small pitch SOI sensor	LU, Yunpeng
12:06	[130] Development of an energy and timing measurement ASIC for gas and semiconductor detectors	WEI, Tong DENG, Zhi

## Electronics: 2 - CEPC Room 2 (14:00 - 15:30)

-Conveners: Jingbo Ye

time	[id] title	presenter
14:00	[134] ATLAS High-Granularity Timing Detector on-detector readout system	ZHANG, Jie
14:18	[135] Development of a wireless data and control transmission application for CEPC	HU, Jun
14:36	[136] Development of high-speed serializer circuits for fast readout of pixel detectors	LI, Xiaoting
14:54	[137] A 2.56 Gbps Clock and Data Recovery (CDR) design for high-energy physics experiments	CHENG, Qiangjun
15:12	[138] Research progress on multichannel, high precision TDC based on VDL technology	ZHAO, Ziwei