

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

Wednesday, 26 October 2022

Posters - A214 (20:00 - 22:27)

-Conveners: Yiming Li ; Hongjuan Xu; Shan Zeng; Mingyi Dong; Dou WANG

time	[id] title	presenter
20:00	Accelerator Related Topics	
20:03	[273] A01: Problems and Considerations about the Injection Philosophy and Timing Structure for CEPC	LI, Meng
20:06	[274] A02: CEPC Cost Model Study and Circumference Optimization	WANG, Dou
20:09	[275] A03: Resistive-wall impedance and incoherent tune shift	WANG, Yuting
20:12	[276] A04: Progress in coating on inwall of the ceramic vacuum chamber for the collider ring's kicker of CEPC	CHEN, Zilin
20:15	[277] A05: CEPC LINAC HIGH EFFICIENCY KLYSTRON	ZHANG, ZHANDONG
20:18	[278] A06: Longitudinal Impedance Measurements and Simulations of a Three-metal-strip Kicker	SU, Jinliu
20:21	[279] A07: Protecting a Superconducting CCT Quadrupole Magnet with a CLIQ System	FENG, Ao
20:24	[280] A08: Quench Protection Design and Simulation of a 13-T Superconducting Dipole Magnet	SHI, Jinrui
20:27	[281] A09: A Study of Thermomagnetic Instabilities in Type II Superconductors	LI, Wei
20:30	[282] A10: Numerical analysis of the Screening Current-Induced Magnetic Field Intensity in the HTS Insert of a 16-T Superconducting Dipole Magnet	FENG, Ze
20:33	[283] A11: Design of an extruded aluminum vacuum chamber for narrow-gap undulator at the HEPS	ZHANG, Lei
20:36	[284] A12: Spin Resonance Free Booster For Future 100 km-scale Circular e+e- Colliders	CHEN, Tao
20:39	[407] A13: Betatron oscillation and radiation reaction in plasma wakefield accelerators	LIU, Yulong
20:50	Vertex, Tracker, PID, Magnet	
20:53	[285] B01: Study of Synchrotron radiation background at CEPC	SUN, Yue
20:56	[286] B02: Conceptual Design of CEPC Detector Magnet and Development of Aluminum Stabilized Superconducting Cable	WANG, Menglin
20:59	[287] B03: MAPS-based Upstream Tracker at LHCb Upgrade II	ZOU, Quan
21:02	[288] B04: Characterization and operation of ATLASPix3	FENG, Mingjie
21:05	[289] B05: DAQ towards a HVCMOS-based tracker for CEPC	DONG, Ruoshi
21:08	[290] B06: Fully automatic high-precision assembly of silicon detector module	WANG, Feng

21:11	[291] B07: JadePix-3 Beam Telescope: The Developments and Recent Measurements	DONG, Sheng
21:14	[308] B08: CEPC Drift Chamber Track Finding Algorithm	LIU, Mengyao
21:17	[302] B09: A novel method to study the primary track using TPC prototype with integrated UV laser	YU, Liwen
21:22	[305] B10: Cluster counting algorithm based on machine learning	TIAN, Zhefei
21:25	[306] B11: The chain of the dN/dx study based on CEPCSW	FANG, Wenxing
21:35	Calorimeter and Calorimeter Software	
21:38	[292] C01: Robust CsPbBr ₃ and Zn-Cd-S quantum dots co-doped nano-glass composites with broadly tunable emissions	SUI, Zexuan
21:41	[293] C02: Enhanced photoluminescence quantum yield of Ce ³⁺ -doped aluminium-silicate glasses for scintillation application	WU, Tao
21:43	[294] C03: Simulation studies of PFA hadronic calorimeter with scintillating glass	DU, Dejing
21:47	[295] C04: Performance study of Stereo Crystal Electromagnetic Calorimeter	ZHAO, Xiao
21:50	[296] C05: DAQ system of the dual-readout calorimeter for Future e ⁺ e ⁻ colliders	EO, Yun
21:53	[297] C06: Study on energy resolution of the dual-readout calorimeter for future e ⁺ e ⁻ colliders using GEANT4 simulation and the first test-beam	HWANG, Kyuyeong
21:56	[298] C07: The DAQ system of the dual-readout calorimeter for future e ⁺ e ⁻ colliders and its operation in 2022 August test-beam experiment at CERN	JANG, Haeun
21:59	[299] C08: High granularity SIPM channels for the first test beam of the dual-readout calorimeter for future e ⁺ e ⁻ colliders	KIM, Dongwoon
22:02	[300] C09: The process of assembly for the module of the dual-readout calorimeter	CHO, Guk
22:05	[301] C10: DQM and data handling procedure of first dual-readout calorimeter test beam experiment at CERN for future e ⁺ e ⁻ colliders	KIM, Sungwon
22:08	[303] C11: Study on performance test of glass scintillator	HUA, Zhehao
22:11	[304] C12: Valence regulation of cerium ions in borosilicate (borogermanate) glass scintillator synthesized in air atmosphere	HUA, Zhehao
22:14	[307] C13: Quantum GAN for fast shower simulation	HUANG, xiaozhong
22:17	[309] C14: Clustering algorithm for long crystal bar ECAL	SONG, Weizheng

Friday, 28 October 2022

Posters: 2 (16:00 - 18:05)

time	[id]	title	presenter
16:00	[409]	This is identical to the post session on Wednesday	