

The 2024 International Workshop on the High Energy Circular Electron Positron Collider

Wednesday, 23 October 2024

Poster: Group A - Accelerator and beam - Whole Workshop in 278 (21:00 - 21:30)

-Conveners: Miao He; Dou WANG; Hai Chen; Tao LIN; Xuan Chen; XUHAO YUAN

time	[id]	title	presenter
21:02	[353]	=== Group A posters === This file contains all posters in the group	HE, Miao
21:03	[2]	An External Injected Drive-witness Bunch Pair Merge System with Femtosecond Timescale Jitter	李, 为
21:04	[5]	A Low-Level Radio Frequency (LLRF) Control System for Multiple Superconducting Cavities Based on MicroTCA.4	GAO, Wenbin
21:05	[11]	Design and High-Power Test of the High Efficiency RF Power Source Test Stand	Dr LIU, Jingdong
21:06	[12]	Design and high power test of 650MHz/800 kW high efficiency klystron for CEPC	肖, 欧正
21:07	[19]	Development of 1.2 Mega-Watt P-band Travelling Wave Resonant Ring	王, 凡予
21:08	[75]	Superconducting quadrupole magnets in the interaction region of BEPCII-U and CEPC	GENG, Jieru
21:09	[95]	Design and development of CEPC control system	JIN, Dapeng
21:10	[7]	Preliminary design of energy recovery scheme for high-power	LIU, yu
21:11	[1]	CEPC Megawatt-level High Power Density High Voltage Power System	Dr LIU, Jingdong
21:12	[26]	Design and simulation of Electron gun and Magnet of C-Band 80MW klystron for CEPC LINAC	HABIB, NOMAN
21:13	[126]	Phase and Amplitude Calibration of the Sub-harmonic Buncher for the High Energy Photon Source Linac	刘, 中天
21:15	[4]	Design of S-band high efficiency klystron	WANG, Yiao
21:16	[8]	Design of periodic permanent magnet for S-band high efficiency klystron	XIAO, Han
21:17	[10]	Study on Arc Protection for CEPC High-Voltage Direct Current Long-Distance Transmission	LI, Fei
21:18	[334]	Integrating Machine Learning in Bunch-by-Bunch Feedback Systems for CEPC	YIN, Di
21:19	[349]	Design of Collimator Control System for PWFA	ZHAO, Shutao
21:20	[350]	CEPC carbon footprint and CO2 reduction optimization	WANG, Dou

Poster: Group B - Silicon detector - Whole Workshop in 278 (21:30 - 22:00)

-Conveners: Tao LIN; Dou WANG; XUHAO YUAN; Miao He; Hai Chen; Xuan Chen

time	[id]	title	presenter
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21:30	[354] === Group B posters === This file contains all posters in the group	HE, Miao
21:31	[43] CMOS Strip Chip Simulation with RASER	赵, 森
21:32	[61] Beam Background Study for the CEPC Silicon Tracker	Mr LI, Zhan
21:33	[88] Design and Optimization of the CEPC Tracking System	GENG, qinglin
21:34	[17] AMSL0 Ladder Production	Mr 李, 沁泽
21:35	[21] Test of CMOS chip using 55nm process	XIANG, Zhiyu
21:36	[55] HVCMOS (COFFEE) Simulation	Mx DENG, Jianpeng
21:37	[20] MAPS-based Upstream Tracker for The LHCb Phase-II Upgrade	彭, 吉
21:38	[18] Beam Test For The AMS-02 Layer0 Tracker Upgrade	MIAO, Dexing
21:39	[106] Transition-Edge Sensor Microcalorimeter Development for Particle Physics at IHEP	YAN, Daikang
21:40	[15] The Installation and operation of the Upstream Tracker for the LHCb upgrade	Dr FENG, Mingjie
21:41	[49] Design of AC-LGAD for CEPC OTK	SUN, Weiyi
21:42	[53] HVCMOS (COFFEE2) Design	李, 乐怡
21:43	[67] Geometric Optimization Simulation of the CEPC Vertex Detector	张, 田园
21:44	[346] Simulation Results of CEPC OTK with CEPCSW	YU, Dian
21:45	[344] Full Simulation and Geometry Creating of CEPC Tracker	JIANG 姜, Xiaojie 啸捷

Poster: Group C - Other detectors and software - Whole Workshop in 278 (22:00 - 22:30)

-Conveners: Miao He; Dou WANG; Tao LIN; Xuan Chen; Hai Chen; XUHAO YUAN

time	[id] title	presenter
22:00	[352] === Group C posters === This file contains all posters in the group	HE, Miao
22:01	[50] Radar, a DAQ software framework	张, 叙
22:02	[56] Development of Al-stabilized superconductor for the CEPC Detector Magnet	ZHAO, Ling Dr WANG, Menglin
22:03	[46] Title: Study of Synchrotron Background in the CEPC Accelerator	唐, 彦邦
22:10	[29] Applications Of Blockchain Technology Distributed Computing In High Energy Physics	WANG, Joseph
22:12	[59] Conceptual mechanical design of CEPC detector magnet	Mr HOU, Zhilong
22:13	[102] Status and performance of LumiBelle2 in the 2024 beam operation of SuperKEKB	李萌, UNKNOWN
22:14	[35] Studies of TPC detector prototype for future lepton collider experiments	Mr SHE, Xin
22:17	[66] Artificial Intelligence Applied Researches on Online Monitoring System	张, 水涵
22:18	[101] Preliminary design consideration for CEPC fast luminosity feedback system	WANG, Dou
22:19	[73] Studies on the Dynamic Range of SiPMs with High Pixel Densities	ZHAO, Zhiyu
22:22	[72] Studies on timing performance of BGO crystal scintillator	ZHAO, Zhiyu

22:23	[301] CEPC stereo ECAL muon momentum reconstruction	郭蕾, UNKNOWN
22:24	[338] Design for the Spiral Barrel Yoke of CEPC Detectors: A Self-Supporting Installation Scheme	XIA, Shang
22:25	[348] Comparing Event Generators for Radiative Bhabha Interaction at CEPC	GONG, Jiading
22:26	[351] Fast Luminosity diamond monitor for CEPC	张, 家梁