



# The 2018 International Workshop on the High Energy Circular Electron Positron Collider

## Monday, 12 November 2018

Plenary: Plenary I - A214, Main building (08:30 - 10:10)

-Conveners: Guangda Zhao

time	[id]	title	presenter
08:30	[6]	Welcome	Prof. WANG, Yifang
08:40	[7]	Project Overview	Prof. LOU, Xinchou
09:10	[8]	Physics motivation	Prof. CRAIG, Nathaniel
09:40	[9]	CEPC Accelerator CDR and R&D towards TDR	Prof. GAO, Jie

Plenary: Plenary II - A214, Main building (10:40 - 12:30)

-Conveners: Suyong Choi

time	[id]	title	presenter
10:40	[10]	CEPC detector and physics CDR	Prof. JOAO GUIMARAES COSTA
11:10	[11]	CEPC detector performance and software	Prof. RUAN, Manqi
11:30	[12]	ILC/CLIC	Prof. MURAYAMA, Hitoshi
12:00	[13]	FCC-ee	Prof. BLONDEL, Alain

Plenary: Session III - A214 (14:00 - 15:30)

-Conveners: Weiren Chou

time	[id]	title	presenter
14:00	[14]	Physics studies and detector R&D towards the TDR	Dr VOS, Marcel
14:30	[15]	SppC status and HFM R&D progress	Prof. TANG, Jingyu
15:00	[16]	CEPC-SppC infrastructure	Ms XIAO, Yu

Plenary: Poster session - Lobby of new building (18:30 - 20:30)

-Conveners: Gang LI

time	[id]	title	presenter
18:30	[198]	01.The Progress Report of 65nm Low Power Readout ASIC for TPC	Mr LIU, Wei
18:33	[199]	02.Progress on TPC detector prototype integrated the laser calibration system	WANG HAIYUN
18:36	[200]	03.Optimization study of the drift field for TPC detector in CEPC	Mr CAI, Yiming
18:39	[107]	04.Study of AHCAL Software Compensation	JIANG, Jiechen
18:42	[108]	05.Study of SiPM dynamic range of ECAL	NIU, Yazhou
18:45	[109]	06.Setup of RPC Test Facility	LAGARDE, Francois

18:48	[110] 07.Jet-Lepton Identification Study and Requirement Analysis for a CEPC Muon system	ZHANG, Yulei
18:51	[201] 08.Detector optimization with SET	ZHENG TAIFAN
18:54	[202] 09.Characterization of the first CMOS pixel sensor prototype developed for the CEPC vertex detector	Mr CHEN, Liejian 陶, 嘉
18:57	[203] 10.Performance study and test on the 1-inch FPMT	Mr ZHU, Yao
19:00	[204] 11.Exploration of a crystal based, Fast timing ECAL design	Ms WANG, Yuexin
19:03	[205] 12.Process of ATLAS Inner Tracker Strip Module Production	Ms YANG, Yuzhen
19:06	[221] 13.Fabrication and Test of $\Phi$ 35mm Iron Base Superconductor Solenoid	ZHANG ZHAN
19:09	[225] 14.Alignment of the CMS tracker and latest results from 2018	CONNOR, Patrick
19:12	[223] 15.The micro-resistive WELL (u-RWELL) detector for large area muon systems at future circular colliders	Ms BORGONOV, Lisa GIACOMELLI, Paolo
19:15	[224] 16.Study of the u-RWELL detector technology for the CMS forward muon system upgrade	Ms BORGONOV, Lisa GIACOMELLI, Paolo
19:18	[206] 17.The analysis of $H \rightarrow \gamma \gamma$ at CEPC	GUO, Fangyi
19:21	[207] 18.The analysis of $H \rightarrow \tau \tau$ at CEPC	Ms YU, Dan
19:24	[208] 19.The analysis of $H \rightarrow WW$ at CEPC	Mr LI, Tong
19:27	[210] 20.The analysis of $H \rightarrow ZZ$ at CEPC	KONG, Lingteng RYUTA KIUCHI SHI, Xin
19:30	[211] 21.WW threshold scan	SHEN, Peixun
19:33	[212] 22.The cryogenic conception design of the CEPC detector magnet and related preliminary research	ZHANG BAOTANG
19:36	[213] 23.R <sub>b</sub> measurement in Z pole run	Dr LI, Bo
19:39	[214] 24.HOM power loss in CEPC Collider ring Cavity	GONG DIANJUN
19:42	[215] 25.CEPC HOM coupler R&D	Dr ZHENG, Hongjuan
19:45	[216] 26.Constrain HZZ coupling by angular distributions on CEPC	LI HUADONG
19:48	[219] 27.Jupyter Service for physics analysis in the future	Mr 齐孟尧, Mengyao Dr LIN, Tao Dr LI, Weidong LIU, yan 黄, 秋兰
19:51	[220] 28.CEPC@home project : to support CEPC computing on opportunistic resources from volunteers	Ms 杜然, Ran Mr ZHAO, Xianghu
19:54	[217] 29.Monte Carlo Simulated Investigation on Positron Application in Medicine	LIU, Dong
19:57	[227] 30.Synchrotron radiation study at CEPC	Dr LI, Ke
20:00	[228] 31.The IDEA detector concept	Dr ANTONELLO, Massimiliano
20:03	[229] 32.Spatial resolution of SOI pixel detectors with binary readout	吴, 志岗

## Wednesday, 14 November 2018

### Plenary: Session V - A214, Main building (14:00 - 15:30)

-Conveners: Yuanning Gao

time	[id]	title	presenter
14:00	[18]	Physics vision	Prof. ARKANI-HAMED, Nima
14:40	[20]	Public CDR release	Prof. WANG, Yifang

### Plenary: Session VI - A214, Main building (16:00 - 18:05)

-Conveners: Brian Foster

time	[id]	title	presenter
16:00	[19]	Accelerator summary	BIAGINI, Maria
16:25	[17]	Detector summary	Prof. MURRAY, Bill
16:50	[21]	Physics summary	WANG, Liantao
17:15	[22]	Industrial-partnership report	GAO, Jinlin
17:35	[23]	International collaboration and IB report	Prof. GAO, Yuanning
17:55	[24]	Conclusion/Adjourn	