

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

Wednesday, 23 October 2024

Accelerator: 1 - Room 288 (14:00 - 15:45)

-Conveners: Makoto Tobiyama (remote)

time	[id] title	presenter
14:00	[164] On the challenges of future colliders	BIAGINI, Maria Enrica
14:20	[165] CEPC accelerator EDR status	GAO, Jie
14:40	[215] CEPC collider ring beam dynamics EDR plan and status	WANG, Yiwei
15:00	[166] CEPC first tune operation required machine tuning (including orbit corrections and sextupoles and luminosity ramping scenarios	WANG, Bin
15:20	[167] The status of accelerator design program kit: APES	ZHANG, Yuan ZHIYUAN LIU

Accelerator: 2 - Room 288 (16:00 - 18:00)

-Conveners: Frank Zimmermann (remote)

time	[id] title	presenter
16:00	[168] ATF2 and perspective of ATF3	BURROWS (REMOTE) , Philip
16:20	[169] CEPC booster and damping ring (DR) EDR plan and status	WANG, Dou
16:40	[170] CEPC impedance budget update in EDR (including collimators) and limitation to luminosities	NA WANG
17:00	[171] Beam tracking simulations on resistive wall instability in the CEPC collider ring using mbtrack2-cuda	KEON HEE KIM
17:20	[172] CEPC MDI EDR plan and status	BAI (REMOTE) , Sha
17:40	[173] Operation experiences of BEPCII and HEPS	JI, Daheng

Thursday, 24 October 2024

Accelerator: 3 - Room 288 (09:00 - 10:40)

-Conveners: Maria Biagini

time	[id] title	presenter
09:00	[174] A historical review on TTC	PAGANI, Carlo
09:20	[175] Recent Development of SRF Technologies Worldwide: Highlights from TTC2023 meeting at Fermilab	KAKO (REMOTE) , Eiji
09:40	[176] CEPC SRF (both collider & booster) EDR plan and status	ZHAI, Jiyuan
10:00	[177] CEPC SC quadrupoles development plan in EDR and status	YINGSHUN ZHU
10:20	[178] CEPC cryogenic system EDR plan and status	MEI LI (REMOTE) 葛锐, Rui

Accelerator: 5 - Room 288 (11:00 - 12:40)

-Conveners: Carlo Pagani

time	[id] title	presenter
11:00	[179] PAL-XFEL LINAC Operation	GARAM HAHN
11:20	[180] CEPC Linac EDR plan and status	JINGRU ZHANG
11:40	[181] CEPC Magnets (both collider & booster)	WEN KANG, MEI YANG
12:00	[182] CEPC Vacuum system EDR plan and status	MA, Yongsheng
12:20	[183] CEPC powers sources in EDR	BIN CHEN

Accelerator: 4 - Room 288 (14:00 - 15:40)

-Conveners: Wenhui Huang/Jiaru Shi

time	[id] title	presenter
14:00	[184] Accelerator activities in Thailand	SAKHORN RIMJAEM (REMOTE)
14:20	[185] CEPC accelerator instrumentation EDR plan and status	HE, Jun SUI, Yanfeng
14:40	[186] CEPC control system	JIN, Dapeng
15:00	[187] CEPC MDI Cryomodule design status	ZHANG XIANGZHEN
15:20	[188] CEPC Interaction Region engineering design status	HAIJING WANG

Accelerator: 6 - Room 288 (16:00 - 18:20)

-Conveners: Philip Burrows (remote)

time	[id] title	presenter
16:00	[189] IJClab accelerator activities	ANGELES FAUS-GOLFE
16:20	[190] Positron source and capture system (HTS-solenoid)	Dr FAHAD ALHARTHI (REMOTE) IRYNA CHAIKOVSKA
16:40	[191] FCC-ee collimation	GIACOMO BROGGI (REMOTE)

17:00	[249] On high gradient accelerator technology development in Tsinghua University	JIARU SHI
17:20	[193] CEPC dumps and the dump experimental hall	ZHONGJIAN MA
17:40	[194] Radiation in the tunnel and its mitigation for CEPC EDR	TANG, Guangyi

Friday, 25 October 2024

Accelerator: 7 - Room 288 (09:00 - 10:40)

-Conveners: Jie GAO

time	[id] title	presenter
09:00	[195] CEPC polarization study	DUAN, Zhe
09:20	[196] Plasma based wakefield acceleration and its applications	LU, Wei
09:40	[197] On capture and acceleration of slow muon (from MeV to GeV) beam by wake field from PKU	XUEQING YAN XUEZHI WU
10:00	[198] IHEP plasma accelerator study status	LI, Dazhang
10:20	[199] Study of channel radius in beam driven plasma wakfield	MING ZENG

Accelerator: 8 - Room 288 (11:00 - 12:40)

-Conveners: Xueqing Yan

time	[id] title	presenter
11:00	[200] CEPC machine protection and transport line systems	XIAOHAO CUI
11:20	[201] CEPC RF power sources and power distribution EDR plan and status	ZHOU, Zusheng
11:40	[202] CEPC Mechanical system EDR plan and status	HAIJING WANG
12:00	[203] CEPC alignment and installation EDR plan and status	WANG, Xiaolong
12:20	[204] CEPC engineering design considerations	ZOU, Hongying

Saturday, 26 October 2024

Accelerator: 9 - Room 288 (09:00 - 10:40)

-Conveners: Garam Hahn

time	[id] title	presenter
09:00	[205] Online bunch-by-bunch bunch-length monitoring using synchrotron radiation	JI-GWANG HWANG (REMOTE)
09:20	[206] Low-Q cavity BPM with an ultra-high position resolution	SIWON JANG
09:40	[207] CEPC sustainable development issues	YUHUI LI
10:00	[208] CEPC green energy technologies	JINSHU HUANG
10:20	[209] CEPC DeepC Status	JIN, Song

Accelerator: 10 - Room 288 (11:00 - 12:40)

-Conveners: Wei Lu

time	[id] title	presenter
11:00	[210] Status of HALHF	FOSTER, Brian
11:20	[211] CEPC/SppC compatibility	WANG, Yiwei
11:40	[213] SppC high field magnet	XU (REMOTE) , Qingjin
12:00	[214] INFN-LASA Contribution to SRF based International Projects	SERTORE, Daniele