

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

Tuesday, 24 October 2023

BSM: 1 - CEPC Room 1 (09:00 - 10:30)

-Conveners: XuAi ZHUANG

time	[id]	title	presenter
09:00	[303]	Dark Matter and Dark Sector	WANG, Xiaoping
09:20	[304]	Dark matter at CEPC	LIU, Zuowei
09:35	[306]	Probing Inelastic Dark Matter at the LHC, FASER and STCF	TU, Jianfeng
09:50	[305]	Search for Long-lived Particles at Future Lepton Colliders Using Deep Learning Techniques	ZHANG, Yulei
10:05	[307]	Long Lived Particles at CEPC	LI, Liang

Thursday, 26 October 2023

BSM: 2 - CEPC Room 4 (09:00 - 10:35)

-Conveners: Jia Liu

time	[id] title	presenter
09:00	[308] SMEFT & Global Fits at CEPC	ZHANG, Yang
09:20	[309] Muon collider signatures for a SZ' with a maximal $\mu - \tau$ coupling in $SU(1)_{L_\mu - L_\tau}$	HUANG, Fei
09:35	[310] Z Portal to the Dark Sector Through Z' Mediation	JIANG, Xuhui
09:50	[311] Azimuthal angular correlation from the dipole operators in $e+e$ collider	YAN, Bin YAN, Bin
10:05	[312] $Z\bar{b}b$ dipole operators at future lepton colliders	TAN, Xiaoze
10:20	[313] Probing dark QCD sector through the Higgs portal with machine learning at the LHC	ZHANG, Jia

BSM: 3 - CEPC Room 1 (16:00 - 18:05)

-Conveners: Christophe Grojean

time	[id] title	presenter
16:00	[315] SUSY search prospects at CEPC	XU, Da
16:25	[317] The Slepton Bulk Region for Dark Matter in the Generalized No-scale F-SU(5) with Effective Super-Natural Supersymmetry	LI, Tianjun
16:50	[318] Prospects for Off-Shell Slepton Searches at CEPC	ZHU, Pengxuan
17:05	[314] Light scalar at future colliders	SONG, Huayang SONG, Huayang
17:20	[388] Comparative Analysis of Positivity Probing: Diphoton Channel at CEPC vs. Photon-Fusion Processes at LHC	SHU, Chi

Friday, 27 October 2023

BSM: 4 - CEPC Room 1 (11:00 - 12:30)

-Conveners: Lingfeng Li

time	[id]	title	presenter
11:00	[321]	Flavor Portal NP at CEPC	LI, Lingfeng
11:20	[322]	The study of nTGCs in Zgamma process at the CEPC	LIU, Danning
11:35	[323]	New Physics Investigations with Triangular Singularity	LIN, Yugen
11:50	[324]	Testing Bell inequalities in W boson pair production at Higgs factory	ZHANG, Hao
12:10	[325]	Higgs portal & Exotic Higgs/Z/top decays	ZHAO, Li