

CEPC Physics and Detector Snowmass Letters of Intent

Monday, 31 August 2020

Open Physics Questions (16:00 - 17:00)

-Conveners: Manqi Ruan

time	[id] title	presenter
16:00	[2] EF01-Higgs boson CP properties at CEPC	MENG XIAO XIN SHI
16:03	[3] EF01-Measurement of branching fractions of Higgs hadronic decays	YANPING HUANG
16:06	[4] EF02-Study of Electroweak Phase Transition in Exotic Higgs Decays with CEPC Detector Simulation	SHU LI
16:09	[5] EF03-Feasibility study of CP-violating Phase ϕ_s measurement via $B_s \rightarrow J/\psi \mu \mu$ channel at CEPC	MINGRUI ZHAO
16:12	[6] EF03-Probing top quark FCNC couplings $tq\gamma$, tqZ at future e^+e^- collider	PEIWEN WU
16:15	[7] EF03-Searching for $B_s \rightarrow \mu \nu \nu$ and other $b \rightarrow s \nu \nu$ processes at CEPC	LINGFENG LI
16:18	[8] EF04-Measurement of the leptonic effective weak mixing angle at CEPC	SIQI YANG
16:21	[9] EF04-Probing new physics with the measurements of $e^+e^- \rightarrow W+W^-$ at CEPC with optimal observables	JIAYIN GU
16:24	[10] EF05-Exclusive Z decays	QIN QIN
16:27	[11] EF05-NNLO electroweak correction to Higgs and Z associated production at future Higgs factory	ZHAO LI
16:30	[12] EF08-SUSY global fits with future colliders using GAMBIT	PETER ATHRON
16:33	[18] EF08-Probing Supersymmetry and Dark Matter at the CEPC, FCCee, and ILC	TIANJUN LI
16:36	[14] EF09-Search for Asymmetric Dark Matter model at CEPC by displaced lepton jets	MENGCHAO ZHANG
16:39	[13] EF09-Search for $t + j + \text{MET}$ signals from dark matter models at future e^+e^- collider	PEIWEN WU
16:42	[15] EF0910-Dark Matter via Higgs portal at CEPC	XIN SHI
16:45	[16] EF0910-Lepton portal dark matter, gravitational waves and collider phenomenology	KE-PAN XIE
16:48	[17] RF1-Exploring new physics with $B_c \rightarrow \tau \nu \tau$	TAIFAN ZHENG