

第十一届中国LHC物理会议（CLHCP2025）

Thursday, 30 October 2025

Parallel 4: CEPC (14:00 - 16:00)

-Conveners: XuAi ZHUANG

time	[id]	title	presenter
14:00	[319]	Recent progress on CEPC Accelerator studies	DUAN, Zhe
14:20	[414]	Silicon detector & Stitching VTX at the CEPC	LIANG ZHIJUN, 梁志均
14:40	[445]	The R&D of high light yield and high density glass scintillator for HCAL	QIAN, Sen
15:00	[340]	Neutrino physics at CEPC	ZHANG, Yongchao
15:20	[448]	Flavor Physics at CEPC	LI, Lingfeng

Parallel 4: Theory 1 (16:20 - 18:20)

-Conveners: Xiangpeng Wang

time	[id]	title	presenter
16:20	[345]	Baryonic B decays in PQCD	Prof. 周, 锐
16:40	[429]	The nonleptonic B weak decays to radially excited D mesons	Prof. 张, 志清
17:00	[379]	Observation of the rare baryonic decay $B \rightarrow p \Lambda_{\bar{b}}$ and measurement of the weak decay parameter	王, 淦蓉
17:20	[305]	Probing Quark Electromagnetic Properties via Entangled Quark Pairs in Fragmentation Hadrons at Lepton Colliders	文, 新锴
17:40	[281]	Toward di-Higgs observation with a calibratable jet-free $SHH \rightarrow 4b$ framework	杨, 天一
18:00	[273]	Probing triple Higgs production via $\tau 2b$ decay channel at a 100 TeV hadron collider	董, 振宇

Friday, 31 October 2025

Parallel 4: Theory 2 (14:00 - 16:00)

-Conveners: 志清 张

time	[id] title	presenter
14:00	[327] The 152 GeV Candidate at the LHC	Prof. MELLADO, Bruce
14:20	[366] Search for heavy photophobic axion-like particles at the proton-proton collider	冯, 娇娇
14:40	[382] LHC寻找类矢量费米子进展	Mr 尚, 亮亮
15:00	[361] Testing a light Higgs at the LHC and future colliders	Prof. ZHU, Jingya
15:20	[287] Entanglement and Bell Nonlocality in $\tau+\tau-$ at the LHC using Machine Learning for Neutrino Reconstruction	Mr ZHOU, Baihong
15:40	[332] Constructing Quantum Entanglement Criteria for Collider Processes	Dr PEI, Junle

Parallel 4: Theory 3 (16:20 - 18:20)

-Conveners: Jingya ZHU

time	[id] title	presenter
16:20	[324] Dark photon mixing effects and CP violation	Dr 孙, 进
16:40	[436] The impact of dark Higgs mechanism on the detection of invisible dark photon	ZHU, Rui
17:00	[328] Triboson Excesses in light of a Real Higgs Triplet Model at the LHC	MELLADO, Bruce
17:20	[386] Machine learning-enhanced search for 95 GeV light Higgs in N2HDM at CEPC	董, 亚博
17:40	[339] Testing CP-violation in Heavy Scalar Sector at Future Muon Colliders	李, 千禧

Saturday, 1 November 2025

Parallel 4: Computing (14:00 - 16:00)

-Conveners: 法制 齐

time	[id] title	presenter
14:00	[367] Updates of LHC Computing in China	Prof. 齐, 法制 JIANG XIAOWEI, Xiaowei
14:10	[389] IHEP Site Report	YAN, 晓飞
14:20	[325] Lanzhou University computing cluster status	YU, Kunpeng WANG, Ying-Hao
14:30	[460] Shandong University Site Report	李, 腾
14:40	[431] Status of the USTC computing cluster	刘, 明辉
14:50	[373] CSTCLOUD-EGI and CENI Site Report	李, 跃鹏
15:00	[371] Introduction to ALICE Computing	Dr HAN, Xiao
15:10	[420] ATLAS Computing	LIU, Bo SHANLY@IHEP.AC.CN, Lianyou
15:20	[358] Computing of CMS	ZHANG, Huaqiao
15:30	[418] Real-time analysis at LHCb for Run 3 and beyond	CHEN, Shanzhen
15:40	[360] EveNet: Towards a Generalist Event Transformer for Unified Understanding and Generation of Collider Data	Dr ZHANG, Yulei
15:50	[410] IHEP ROC Report	Prof. CHEN, Ye

Parallel 4: Performance (16:20 - 18:20)

-Conveners: Yang Liu

time	[id] title	presenter
16:20	[398] Run3 L2 Gain intercalibration in the ATLAS experiment	王, 子江
16:40	[318] Operation and performance of LHCb Upstream Tracker	YUAN, Yuan
17:00	[470] Run3 CMS ECAL calibration performance	曹, 天宇
17:20	[341] Electron and photon reconstruction and identification performance at CMS in 2022 and 2023	Dr LAI, Pei-Zhu
17:40	[417] Jets and missing transverse energy performance in CMS	IEMMI, Fabio
18:00	[472] Jet calibration in low pileup data	YE, Zhiyong