

第六届粒子物理前沿研讨会-The Sixth Workshop on Frontiers of Particle Physics

Wednesday, 16 July 2025

Report: 上午 (09:10 - 10:20)

time	[id] title	presenter
09:10	[9] What experiments tell us about SUSY?	CAO, Junjie
09:40	[19] NP search at the CEPC : a General Perspective	LI , Zhao
10:00	[11] Asymptotic GUT in extra dimension	ZHOU, Ye-Ling

Report: 上午 (10:50 - 12:10)

time	[id] title	presenter
10:50	[12] Searching for new physics using machine learning and quantum machine learning algorithms	ZHANG, Shuai
11:10	[13] New physics informed Baryogenesis	CHAO, Wei
11:30	[14] New Physics searches at e+e- collider experiment	PRASAD, Vindhyawasini
11:50	[43] Unify the QGP transports and equations of state in a holographic QCD Model	HE, Song

Report: 下午 (14:00 - 15:40)

time	[id] title	presenter
14:00	[16] Full analysis of CPV corresponding to angular correlations in four-body decays of heavy hadrons	ZHANG, Zhen-Hua
14:20	[17] Application of the generalized partial wave amplitude in effective field theory	LI, Hao-Lin
14:40	[38] RECODE program for reactor neutrino CEvNS and Physics beyond SM	WU, Yongcheng
15:00	[10] Light Sparticles at the LHC	ZHANG, Yang
15:20	[20] Interplay of ALP Couplings at a Muon Collider	ZHANG, Yufei

Report: 下午 (16:10 - 17:50)

time	[id] title	presenter
16:10	[21] Long lived Particle of Higgs sector	SU, Wei
16:30	[22] Search for Tens of MeV Neutral Resonance from Higgs decay	WANG, Yipin
16:50	[23] The impact of dark Higgs mechanism on the detection of invisible dark photon	ZHU, Rui
17:10	[24] Probing lepton flavor violating dark matter scenarios via astrophysical photons	LIANG, Jinhan

17:30	[25] Asteroid-mass soliton as the dark matter-baryon coincidence solution	XIE , Ke-Pan
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Thursday, 17 July 2025

Report: 上午 (08:40 - 10:20)

time	[id] title	presenter
08:40	[26] Exploring Dark Matter and Neutrinos with XENONnT Experiment	LI, Shengchao
09:00	[27] B-meson FCNC decays as a probe of light Dark Matter	YUAN, Xingbo
09:20	[28] Gauss relations of Feynman integrals in Grassmannians	ZHANG , Haibin
09:40	[29] On the symmetry breaking patterns in an SU(8) theory	WANG, Bin
10:00	[30] RGE solver for the complete dim-7 SMEFT interactions and its application to $\nu\beta\beta$ decay	ZHAO, Xiang

Report: 上午 (10:50 - 12:10)

time	[id] title	presenter
10:50	[31] 对低能标轻子生成的一些研究	SHAO, Yan
11:10	[32] 学科与自由讨论： 电弱相变研究的统一范式：贯通真空热历史、奇异泡泡构型与两圈有效势计算	JIANG, Yun
11:30	[33] Geomagnetic signal of millicharged dark matter	ZHU, Bin
11:50	[34] Studies on Domain Walls, Cosmic Strings, and Their Gravitational Wave Signatures	YU, Zhaohuan

Report (14:00 - 16:00)

time	[id] title	presenter
14:00	[35] LM-based physics analysis assistant at BESIII	LIAO, Yipu
14:20	[36] The First Constraint on the Dark Matter Millicharge via Multimessenger Time-Delay Analysis of GRB GW170817A	ZHANG, Wenxing
14:40	[40] MeV emission line in prompt emission in gamma-ray bursts	YI, Shuxu
15:00	[37] A bright electron-positron annihilation line in the BOAT GRB221009A	ZHANG, Zhen
15:20	[39] A C++ program for estimating detector sensitivities to long-lived particles: displaced decay counter	WANG, Zeren

Report (16:30 - 18:00)

time	[id] title	presenter
16:30	[41] 超算互联网平台介绍	SUN, Xiuqi
16:50	[44] 一类大统一模型的验证方法	CHEN, Shi-hao
17:10	[15] γ/ϕ_3 in CKM unitarity triangle and $B \rightarrow DP$ puzzle beyond the standard model	UMEEDA, Hiroyuki
17:30	[45] 第七届会议简介	