



## 中国物理学会高能物理分会第十一届全国会员代表大会暨学术年会

Wednesday, 10 August 2022

Parallel Session X(1): TeV and BSM Physics (19:30 - 21:30)

-Conveners: Haifeng Li; Xiaohu SUN

time	[id] title	presenter
19:30	[546] Software development and performance studies of New Small Wheel in ATLAS for LHC Run3	YU, Yi
19:32	[547] A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery	ZHU, Yifan
19:34	[548] Search for Dark Higgs at ATLAS and potential to utilize the Xbb tagger	LIU, Qibin
19:36	[549] Dark matter searches with jets at ATLAS	JIANGLIU, Hong
19:38	[550] Measurement and Reinterpretation of four-top-quark production cross section with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV	CHEN, Xiang
19:42	[552] Search for Higgs boson pair production in $\tau\tau$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	贾, 子航
19:44	[553] Observation of $\gamma\gamma \rightarrow \tau\tau$ in ultraperipheral lead-lead collisions and constraints on $a_\mu g-2$ with the ATLAS detector	LIU, Xinyan
19:46	[554] Constraining the Higgs boson self-coupling from single- and double-Higgs production with the ATLAS detector using pp collisions at $\sqrt{s}=13$ TeV	HE, Mingxu
19:50	[556] Search for the direct production of charginos and neutralinos in final states with tau leptons in 13 TeV pp collisions with the ATLAS detector	梁诗怡, UNKNOWN
19:52	[557] A search for heavy Higgs bosons decaying into vector bosons in same-sign two-lepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	XU, yue
20:00	[575] Measurement of mass and width of the Higgs boson at HL-LHC	ZHANG, Chenguang
20:05	[559] A Boosted Decision Tree Model for the positron acceptance in the Muon g-2 experiment	NG, J.K. KHAW, Kim Siang
20:10	[351] Searching for fractionally charged particles in space with DAMPE	刘, 成明
20:15	[563] Pileup Background Study with Muon g-2 Experiment at Fermilab	胡, 越恺
20:18	[561] Muon and pion production from electron on target	Mr LV, Meng
20:20	[560] Muon beam based on GeV electron on target	CHEN, C. WANG, J. KHAW, Kim Siang LV, M. CAI, X. XU, Y.
20:24	[564] An improved pulse-fitting procedure for calorimeter event reconstruction in the Muon g-2 experiment at Fermilab	CHEN, Cheng
20:26	[558] Cross terms in the fit function for the precession frequency analysis in the Fermilab Muon g-2 experiment	ZENG, Yonghao

20:28	[565] A search for the muon electric dipole moment in the Fermilab Muon g-2 experiment	胡, 天齐
20:30	[562] Measurement of Muon Lifetime with Muon g-2 Experiment at Fermilab	LU, Zejia
20:32	[567] Dark SHINE——Dark Photon fixed-target search experiment at SHINE Facility	WANG, yufeng