

第十四届TeV物理工作组学术研讨会 (14th workshop on TeV Physics)

Saturday, 20 April 2019

Session: QCD - 牡丹厅(2nd floor) (14:00 - 15:30)

time	[id]	title	presenter
14:00	[11]	Energy Correlators in QCD	Prof. ZHU, Huaxing
14:15	[13]	The Transverse Energy-Energy Correlator in the Back-to-Back Limit	Dr LI, Haitao
14:30	[15]	New Hidden Relation of Higgs Amplitudes in QCD	Dr JIN, Qingjun
14:45	[12]	Soft gluon effect in Z boson plus jet production at LHC	Prof. SUN, Peng
15:00	[70]	Recent developments in the CTEQ-TEA global analysis	Prof. HOU, Tiejun
15:15	[16]	Discoveries and potential discoveries of new exotic particles at colliders	Prof. YI, Kai

Session: Higgs - 紫荆厅(2nd floor) (14:00 - 15:30)

time	[id]	title	presenter
14:00	[22]	Solve the core-cusp problem with Fermi pressure	Prof. AN, Haipeng
14:15	[23]	Shape of Higgs Potential at Future Colliders	Prof. YU, Jianghao
14:30	[24]	Quintessence Saves Higgs Instability	Dr HAN, Chengcheng
14:45	[25]	Off-shell probe to the Higgs sector	Prof. QIAN, Zhuo-ni
15:00	[26]	Electroweak Phase transition in NMSSM	Dr ZHANG, Yang
15:15	[82]	Search for Extra Scalars Produced in Association with Muon Pairs at the ILC	Dr WANG, Yan

Session: EXP - 牡丹厅(2nd floor) (15:50 - 17:20)

time	[id]	title	presenter
15:50	[17]	MC Modelling and Production at CMS	Prof. LI, Qiang
16:05	[18]	Higgs Physics at CEPC	Prof. FANG, Yaquan
16:20	[74]	Measurement of Higgs properties in $H \rightarrow ZZ \rightarrow 4l$ channel with full Run-2 data at CMS	Prof. CHEN, Mingshui
16:35	[19]	Search for the EDM and anomalous magnetic moment of the tau lepton	Prof. CHEN, Xin
16:50	[20]	Results of search for SUSY signals with tau leptons in the final states at the LHC	Prof. LYU, Feng
17:05	[21]	Polarization fraction measurement in same-sign WW scattering using deep learning	Mr LEE, JUNHO

Session: SUSY+Higgs - 紫荆厅(2nd floor) (15:50 - 17:35)

time	[id]	title	presenter
15:50	[27]	SUSY Search at LHC and beyond	Prof. ZHUANG, Xu-ai
16:05	[28]	Minimal Yukawa deflection of AMSB from the Kahler potential and axino DM	Prof. WANG, Fei
16:20	[71]	Probing Quartic Higgs Boson Self-Interactions	Dr REN, Jing
16:35	[72]	Muon anomalous magnetic moment and two-loop diagrams	Prof. ZHAO, Shu-Min
16:50	[73]	Electroweak symmetry breaking pattern and Higgs pheno	Prof. BIAN, Li-Gong
17:05	[31]	Non-minimal Higgs-gravity coupling and naturalness at the LHC and beyond	Dr ZHU, Bin
17:20	[29]	Probing the Higgs boson-gluon effective coupling at e+e- colliders	Dr LI, Ge-xing

Sunday, 21 April 2019

Session: BSM+Flavor - 牡丹厅(2nd floor) (14:00 - 15:45)

time	[id] title	presenter
14:00	[77] Implications on Observation of Charm CPV at LHCb	Dr YU, Fu-Sheng
14:15	[30] Probing CP-Violating Yukawa Interactions of Top-Quark	Dr MA, Kai
14:30	[78] Correlation between $\mathcal{R}_{D^{(*)}}$ and top quark FCNC decays in leptoquark models	Dr WU, Peiwen
14:45	[79] Bayesian and frequentist approaches to resonance searches	Dr ANDREW, Fowlie
15:00	[48] Search for top partner in LHT model	Prof. YANG, Bingfang
15:15	[81] Weak decays of charmed baryons	Prof. XU, Fanrong
15:30	[76] Searching for Z' and h_2 in the $U(1)_{L_{\mu} - L_{\tau}}$ model at future colliders	Mr HOU, Jin-Xin

Session: Neutrino - 紫荆厅(2nd floor) (14:00 - 15:45)

time	[id] title	presenter
14:00	[39] Quark and lepton flavor mixing from symmetry	Prof. DING, Guijun
14:15	[41] New Physics and (vector, scalar, dark) Non-Standard Interactions in Neutrino Oscillation	Dr GE, Shaofeng
14:45	[42] Search for new physics with accelerator neutrinos	Prof. TANG, Jian
15:00	[43] New physics effects and form factor uncertainties in coherent elastic neutrino-nucleus scattering	Prof. LIAO, Jiajun
15:15	[40] Composite Higgs and Dark Matter	Prof. ZHANG, Honghao
15:30	[52] Dark Matter Bound State Formation in a SZ_2 Model with Light Dark Photon and Dark Higgs Boson	Dr TANG, Yi-lei

Session: Dark Matter - 紫荆厅(2nd floor) (16:05 - 17:35)

time	[id] title	presenter
16:05	[85] Two-mediator dark matter models and cosmic electron excess	Prof. LIU, Zuowei
16:20	[86] Interpretations of the DAMPE electron data	Prof. FENG, Lei
16:35	[53] Searching for Self-Interacting Dark Matter Bound States at the LHC	Mr XU, Tao
16:50	[75] De Sitter quantum loops as the origin of primordial non-Gaussianities	Mr ZHANG, zipai
17:05	[32] Consistency of Gauged Two Higgs Doublet Model: Gauge Sector	Dr TRAN, Van Que
17:20	[83] Probing a dynamical scalegenesis via enhanced diHiggs signatures	Prof. MATSUZAKI, Shinya

Session: Hadron - 牡丹厅(2nd floor) (16:05 - 17:35)

time	[id] title	presenter
16:05	[84] Probe Multi-Parton Interaction through Quarkonium Production	Prof. ZHANG, Yu-Jie

16:20	[55] Helicity amplitudes in the semileptonic decay of B meson	Prof. DAI, Lian-rong
16:35	[14] NLO QCD corrections to exclusive electroproduction of quarkonium	Dr CHEN, Longbin
16:50	[57] Is the $Y(2175)$ a Strangeonium-like Hybrid Meson?	Prof. CHEN, Wei
17:05	[59] $Z \rightarrow \pi^+\pi^-$: A perturbative QCD calculation at future Z factories	Prof. CHENG, Shan
17:20	[60] Guleball production via 0^{++} model	Mr WAN, Bingdong