

中国物理学会高能物理分会第十三届全国粒子物理学术会议 (2021)

Monday, 16 August 2021

Parallel Session I: TeV and BSM Physics: (Chair: Zongguo Si) (14:00 - 16:00)

-Conveners: Zongguo Si; 昊 ZHANG; Qiang Li; Haijun Yang

time	[id] title	presenter
14:00	[302] Searches for strong production of supersymmetric particles with the ATLAS detector	Mr LIU, Yang
14:15	[299] Searches for electroweak production of supersymmetric particles with the ATLAS detector	Dr XU, Da
14:30	[136] Multi-scalar signature of self-interacting dark matter in the NMSSM and beyond	LI, Jinmian
14:45	[293] Exotic Searches with the ATLAS Detector	WANG, Yufeng
15:00	[111] Search for a generic heavy Higgs at the LHC	XU, yue
15:15	[307] Search for vector-like quark and leptoquarks at CMS	YU, Taozhe
15:30	[300] Search for heavy resonances decaying into a photon and a hadronically decaying Higgs boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	LIU, Bo

Parallel Session I: TeV and BSM Physics: (Chair: Hao Zhang) (16:10 - 18:10)

-Conveners: Zongguo Si; Haijun Yang; Hao ZHANG; Qiang Li

time	[id] title	presenter
16:10	[305] Search for tri-boson resonance at the LHC with the CMS detector	吕, 旭东 吕, 旭东
16:25	[126] Search for top-quark decays tHq in ditau final state with 36 fb^{-1} of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector	XIA, mingming
16:40	[117] ColliderBit-Solo: a new tool for reinterpreting LHC results for BSM	Dr ZHANG, Yang
16:55	[81] Higgs Alignment and Novel CP-Violating Observables in 2HDM	Prof. WANG, Xiaoping
17:10	[85] 高亮度正负电子对撞机上隐藏区间的唯象学研究	Prof. ZHANG, Yu
17:25	[87] Challenges for a QCD Axion at the 10 MeV Scale	LIU, Jia
17:40	[128] An SU(6) Axion Model	陈, 宁

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Parallel Session I: TeV and BSM Physics: (Chair: Yusheng Wu) (08:30 - 10:30)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id] title	presenter
08:30	[297] Combination of Higgs boson measurements with data collected during ATLAS Run2	LI, Changqiao
08:50	[311] Constraints on anomalous couplings of the Higgs boson to vector bosons and fermions with the CMS detector	PAN, RenQi
09:10	[303] Search for Higgs boson pair production in the $bb\tau\tau$ decay channel using 13 TeV pp collision data from the ATLAS detector	张, 博文
09:30	[309] Search for Higgs boson pair production at CMS	WANG, Jin
09:50	[10] Higgs boson pair production via gluon fusion at N3LO in QCD	WANG, Jian
10:10	[301] Higgs self-coupling measurement at ATLAS	Dr HUANG, yanping

Parallel Session I: TeV and BSM Physics: (Chair: Haijun Yang) (10:40 - 12:00)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id] title	presenter
10:40	[203] 通过微分截面角分布研究HZZ 反常耦合	Mr WANG, Youkai
10:55	[310] Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at 13 TeV with the CMS detector	郭, 倩颖
11:10	[296] Higgs coupling with bottom and top quarks: from discovery to measurement	LIU, Kun
11:25	[294] Higgs decays to dimuon and di-charm with the ATLAS detector	Prof. LI, Haifeng
11:40	[308] Observation of tW in lepton + jets channel and Study of $t\bar{t}H$ in multilepton channel with the CMS detector	Prof. ZHANG, Huaqiao

Parallel Session I: TeV and BSM Physics: (Chair: Qiang Li) (14:00 - 15:35)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id] title	presenter
14:00	[295] Observation of EW vector boson scattering processes with the ATLAS detector	李, 冰
14:15	[304] Observations and measurements of Z and photons' scattering and interactions with the CMS detector	AN, Ying
14:30	[227] Drell-Yan rapidity distribution at N3LO	Dr ZHU, HuaXing
14:45	[306] Inclusive and VBS W +photon with the CMS detector	LU, meng
15:00	[86] Master integrals for the mixed QCD-QED corrections to the Drell-Yan process with lepton mass dependence	Mr LONG, Mingming
15:15	[129] High precision boson-jet correlation at the LHC	Prof. 邵, 鼎煜

Parallel Session I: TeV and BSM Physics: (Chair: Manqi Ruan) (15:40 - 17:10)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id]	title	presenter
15:40	[312]	Higgs & Top Physics at the CEPC	Prof. FANG, Yaquan
15:55	[313]	EW Physics at the CEPC	Prof. LIANG, Zhijun
16:10	[316]	Flavor Physics Program at the CEPC	LI, Lingfeng
16:25	[315]	QCD measurements at the CEPC	Dr ZHU, HuaXing
16:40	[314]	BSM program at the CEPC	Dr ZHANG, Yang
16:55	[317]	Progress of the new software framework for future Higgs factories	Dr LIN, Tao

Wednesday, 18 August 2021

Parallel Session I: TeV and BSM Physics: (Chair: Jing Shu) (08:30 - 10:10)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id] title	presenter
08:30	[298] Recent Dark Matter Search Results from ATLAS	XU, Lailin
08:50	[405] Pseudo-Nambu-Goldstone dark matter, first-order phase transitions, and gravitational waves	YU, Zhao-Huan
09:10	[64] Light sneutrino and neutralino as dark matter candidates in SU(1)_XSSM	Prof. ZHAO, Shu Min
09:30	[113] ForwArd Search ExpeRiment at the LHC	逢, 昊
09:50	[31] Affleck-Dine Leptogenesis from Higgs Inflation	韩, 成成

Parallel Session I: TeV and BSM Physics: (Chair: Shengjian Chen) (10:40 - 12:00)

-Conveners: Zongguo Si; Haijun Yang; 昊 ZHANG; Qiang Li

time	[id] title	presenter
10:40	[206] 费米缪子反常磁矩实验	李, 柄志
11:00	[194] Search for the cLFV by muon to electron conversion:COMET and Mu2e	Ms ZHANG, Yao
11:20	[186] Progress of Muonium to Antimuonium Conversion Experiment (MACE) at EMuS	TANG, Jian
11:40	[222] 散裂中子源上的实验型缪子源装置	ZHAO, Guang