

第十届中国LHC物理会议 (CLHCP2024 青岛)

Thursday, 14 November 2024

Parallel 2: Higgs 1 (14:00 - 16:00)

-Conveners: Lianliang MA

time	[id] title	presenter
14:00	[145] Improved constraint on Higgs boson self-couplings with quartic and cubic power dependence in the cross section	WANG, Jian
14:20	[147] Measurements of Higgs boson production cross sections in the four-lepton final state at 13.6 TeV in CMS	LI, Yuji
14:35	[152] Simplified template cross sections for Higgs boson decays in H to ZZ* to 4l channel	李, 涵
14:50	[155] Measurements of Higgs boson mass and width at CMS	张辰光, Chenguang
15:05	[158] Measurement of the Higgs boson cross section and Width with the ATLAS detector	MUSAJAN, Ehsan
15:20	[162] Measurements of Higgs boson production cross sections in the di-photon final state at 13.6 TeV in CMS	潘, 程扬
15:35	[164] Differential cross-section measurement of the Higgs boson decaying into two taus at the ATLAS experiment	DE MARIA, Antonio

Parallel 2: Higgs 2 (16:20 - 18:20)

-Conveners: Jin Wang

time	[id] title	presenter
16:20	[169] Electroweak Corrections to Double Higgs Production at the LHC	毕, 环宇
16:40	[171] Search for non-resonant Higgs boson pair production in final state with photons and multi-lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	SHA, Qiyu
16:55	[173] Searches for Di-Higgs production in the $\tau\tau$ final state at the LHC	ALVES, Fábio
17:10	[174] Search for pair production of boosted Higgs bosons via vector-boson fusion in the bbbb final state using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	WANG, Zhen Dr 王, 震
17:25	[175] Search for double Higgs resonances with $\gamma\gamma$ in the final state at CMS	张, 镇轩
17:40	[177] Towards a more precise W mass measurement in ATLAS	JIA, Xuewei

Friday, 15 November 2024

Parallel 2: Higgs 3 (14:00 - 16:05)

-Conveners: 数 李

time	[id] title	presenter
14:00	[187] Double Higgs production combination at CMS	ZHOU (周), Chen (辰)
14:15	[181] Search for Higgs boson decays into new light bosons in the four-tau final state using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ZENG, Hao
14:30	[182] Measurements of Higgs boson properties and search for new resonances in $\gamma\gamma$ final state at CMS	TAO (陶), Junquan (军全)
14:45	[184] Measurement of the associated production of a Higgs boson and a top-quark pair in multilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	李, 家琳
15:00	[186] Measurements of WH and ZH Higgs production with decays into bottom quarks and direct constraints on the charm Yukawa coupling with 13 TeV collisions in the ATLAS detector	王, 昱昊
15:15	[180] Direct charged and neutral Higgs searches with LHC	苏, 伟
15:35	[188] Combination of searches for Higgs boson decays into a photon and a massless dark photon using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	HUANG, Xinhui
15:50	[190] Studies of new Higgs boson interactions through nonresonant $\tau\tau$ production in the $\tau^+\tau^-$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	夏, 力钢

Parallel 2: EW+top (16:20 - 18:20)

-Conveners: Hongbo LIAO

time	[id] title	presenter
16:20	[195] Observation of $\gamma\gamma \rightarrow \tau\tau$ in pp collisions and constrain $\tau g-2$ at CMS	HE, zongsheng
16:35	[197] Energy correlator measurement at CMS	林, 桢
16:50	[198] MSSM Hbb UL2016	BI, Nazima
17:05	[201] Observation and differential measurements of electroweak $W\gamma jj$ production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	陈, 婧
17:20	[202] New experimental observables in the future PDF global analysis at the LHC	ZHAO, Zihan
17:35	[204] Measurement of the diboson polarization and RAZ in WZ production at ATLAS	赵, 振宇

Saturday, 16 November 2024

Parallel 2: BSM 1 (14:00 - 16:00)

-Conveners: Junquan (军全) TAO (陶)

time	[id] title	presenter
14:00	[205] The Forgotten Supersymmetry Signals: Long-Lived SUSY particles inside LHC	张, 文星
14:20	[207] Search for a new Z' gauge boson in pp collisions at 13 TeV with the ATLAS detector	许, 昊
14:35	[213] Strong and Electroweak SUSY searches in SS/3L final states in ATLAS	梁诗怡, UNKNOWN
14:50	[212] Search for electroweak SUSY production in 2-tau final state and reinterpretation in models with variable RPV coupling	梁诗怡, UNKNOWN 袁家荣, UNKNOWN
15:05	[214] Search for long-lived particles decayed in calorimeter with the ATLAS detector	WANG, Tianao
15:20	[215] Recent ATLAS results of Dark Matter combination and Dark Higgs search	刘, 齐斌
15:35	[269] Search for heavy right-handed Majorana neutrinos in the decay of top quarks produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	赵, 桐彬

Parallel 2: BSM 2 (16:20 - 18:20)

-Conveners: Yang Liu

time	[id] title	presenter
16:20	[217] The SM expected branching ratio for $\mu \rightarrow e\gamma$ and an excess for $\mu \rightarrow e\mu\mu$	刘, 佳韦
16:40	[218] Search for Fractionally Charged Particles at 13 TeV with the ATLAS Detector	YANG, Yifan
16:55	[219] Probing Neutral Triple Gauge Couplings via $Z\gamma(\ell+\ell\gamma)$ Production at LHC-ATLAS and future Colliders	刘, 丹宁
17:10	[221] Search for heavy neutral Higgs bosons decaying into a top quark pair with the ATLAS detector	蔡, 以周 蔡, 以周
17:25	[222] Search for $\mu\mu^-\mu/\mu \rightarrow \mu\mu^-\mu\mu^-$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	毛, 厉宁
17:40	[225] Combination of searches for heavy spin-1 resonances with the ATLAS detector	袁, 睿