



## The Third China LHC Physics Workshop (CLHCP 2017)

Friday, 22 December 2017

Parallel: Higgs - Lecture Hall, 1st floor, Knowledge & Action Building (知行楼一楼报告厅) (13:30 - 15:10)

-Conveners: Qing-Hong Cao

time	[id] title	presenter
13:30	[23] Higgs property measurement in di-photon final states (ATLAS)	Dr HUANG, Yanping
13:50	[25] Measurements of Higgs boson cross sections and couplings in the diphoton decay channel (CMS)	M AAMIR SHAHZAD
14:10	[24] Search for new resonances in the diphoton final state in the mass range between 70 and 110 GeV in pp collisions (CMS)	Ms ZHANG, Sijing
14:30	[26] Higgs mass measurement in $H \rightarrow ZZ \rightarrow 4l$ channel	JAVAID TAHIR
14:50	[27] Search for the $Z\gamma$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at 13TeV with the ATLAS detector	HAN(韩), Shuo(朔)

Parallel: BSM - Knowledge & Action Building 206 (知行楼206会议室) (13:30 - 15:10)

-Conveners: Jun Guo

time	[id] title	presenter
13:30	[48] Triboson resonance searches at CMS	LYU (吕), Xudong (旭东)
13:50	[49] Physics with Four Leptons in the ATLAS experiment	WU (吴), Yusheng (雨生)
14:10	[50] Search for heavy ZZ resonances in the $4l$ and $1l\nu\nu$ final states with the ATLAS detector	Dr MARC, Cano
14:30	[51] Search for Dark Matter in association with a hadronically decaying $Z'$ vector boson in pp collisions at 13 TeV	BARNES, Sarah
14:50	[52] Machine Learning and Matrix Element Matrix Method	LI, Jing

Parallel: Higgs - Lecture Hall, 1st floor, Knowledge & Action Building (知行楼一楼报告厅) (15:30 - 17:30)

-Conveners: Zhiyun LIANG

time	[id] title	presenter
15:30	[28] Probing Higgs Width and Top Quark Yukawa Coupling from $t\bar{t}H$ and $t\bar{t}t\bar{t}$ Productions	LIU, Yandong
15:50	[33] Evidence for Higgs boson production in association with a top quark pair with the ATLAS detector	OSPANOV, Rustem
16:10	[30] Searches for $t\bar{t}H$ production with $\sqrt{s} = 13$ TeV pp collisions at the CMS experiment	PENG, Na
16:30	[31] First Evidence of Higgs Decay into $b\bar{b}$ with the ATLAS Detector	Mr MA, Yanhui
16:50	[32] Combined Higgs Boson Couplings Measurements with 2015 and 2016 data at $\sqrt{s}(13)$ TeV	RAN, Kunlin

17:10	[29] Search for Heavy Higgs Bosons Decaying to a Top Quark Pair with the ATLAS Detector	WANG, Jike
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# Saturday, 23 December 2017

Parallel: Higgs - Lecture Hall1, 1st floor, Knowledge & Action Building (知行楼一楼报告厅) (13:30 - 15:30)

-Conveners: Shenjian CHEN

time	[id]	title	presenter
13:30	[34]	Explore Extended Scalar Sector with Di-Higgs Signatures	YU, Jianghao
13:50	[35]	Searches for Higgs pair production with the ATLAS detector	LI, Xingguo
14:10	[36]	Searches for Higgs pair production with the ATLAS detector (WW $\gamma\gamma$ )	LI, Qi
14:30	[37]	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb <sup>-1</sup> of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Dr ZHANG, Lei
14:50	[38]	Measurement of the SM Higgs boson couplings using $\mu\mu$ decay channels with the ATLAS detector	Prof. LI, Haifeng
15:10	[39]	Search for the Doubly Charged Higgs decaying to WW with the ATLAS Detector	ZHANG, Ruiqi