

Higgs potential and BSM opportunity 希格斯物理研讨会

Saturday, August 28, 2021

Higgs precise measurement (9:10 AM - 7:00 PM)

-Conveners: Lilin Yang; Yusheng Wu; Mingshui CHEN; Jiayin Gu

time	[id] title	presenter
9:10 AM	[83] Higgs Overview	WANG, Liantao
9:40 AM	[84] Precise theoretical predictions for Higgs processes	WANG, Jian
10:10 AM	[85] Precise Higgs measurements at LHC	鲁, 楠
10:40 AM	Coffee break	
11:00 AM	[41] Probing the electroweak symmetry breaking with Higgs production at the LHC	Dr YAN, Bin
11:20 AM	[43] Measurement of the CP property of the Higgs to top Yukawa coupling	杨, 洪洮
11:40 AM	[60] Next-to-leading order corrections for $gg \rightarrow ZH$ with top quark mass dependence	王, 国兴
12:00 PM	Lunch break	
2:00 PM	[86] Search for rare Higgs processes	Dr HUANG, yanping
2:30 PM	[56] Measurements of Higgs boson production using decays to two c-quarks with the ATLAS detector	Mr WANG, Tao
2:50 PM	[61] Fiducial and differential cross-section measurements in the di-photon channel using full Run2 dataset at ATLAS	ALVES, Fábio
3:10 PM	[57] Combined measurements of Higgs boson production and decay and constraints on the Higgs boson self-coupling from the combination of single-Higgs and double-Higgs production analyses performed with the ATLAS experiment	RAN, Kunlin
3:30 PM	Coffee break	
3:50 PM	[59] Measurements of Higgs boson decaying into tau leptons using 139 fb at the ATLAS experiment	DE MARIA, Antonio
4:10 PM	[50] All order nonfactorizable jet veto effects in Higgs boson production	Prof. SHAO, Dingyu
4:30 PM	[49] Probe BSM physics with the interaction between the Higgs boson and top quark	MEI, Hualin
4:50 PM	[98] Physics Highlights at CEPC	Mr RUAN, Manqi