

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

Sunday, 29 August 2021

Di-Higgs/Scalar (09:00 - 18:00)

-Conveners: Yaquan FANG Yaquan; Xiaohu SUN; Jianghao Yu; Fapeng Huang

time	[id] title	presenter
09:00	[78] Composite Higgs and Dark Matter	Mr CAI, Chengfeng
09:30	[79] Higgs potential and phase transition	GUO, Huaike Prof. SHU, Jing
10:00	[52] Primordial black holes from a cosmic phase transition: The collapse of Fermi-balls	谢, 柯盼
10:20	[66] Effective picture of cosmic bubble expansion	Mr WANG, Shao-Jiang
10:40	Coffee break	
11:00	[55] 电弱相变中引力波信号的精确计算	Dr 王, 潇
11:20	[45] Probing the B+L violation process with the observation of cosmic magnetic field	Prof. BIAN, Ligong
11:40	[39] Probing electroweak phase transition with multi-TeV muon colliders and gravitational waves	Dr LIU, Wei
12:00	Lunch time	
14:00	[80] Non-resonant di-Higgs process at LHC	CADAMURO, Luca
14:30	[51] Search for Higgs boson pair production in $\gamma\gamma$ final state	贾, 子航
14:50	[63] Search for Higgs boson pair production in the $b\bar{b}\tau\tau$ decay channel using 13 TeV pp collision data from the ATLAS detector	张, 博文
15:10	[65] Measuring Higgs Boson Self-couplings with $2\rightarrow 3$ VBS Processes	Dr CHEN (谌), Junmou (俊谋)
15:30	Coffee break	
15:50	[81] BSM resonance search for HH (SH, SS) at LHC	MELLADO, Bruce
16:20	[90] The multilepton anomalies at the LHC and the prospect of new physics at the EW scale	ABDUALAZEM FADOL MOHAMMED EBRHIM
16:40	[47] Probing Higgs boson properties with boosted objects at the CMS experiment	QU, Huilin
17:00	[54] New Physics bounded from above: 2HDM confronting strong 1st order electroweak phase transition	ZHANG, mengchao