

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

Sunday, August 29, 2021

Di-Higgs/Scalar (9:00 AM - 6:00 PM)

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

time	[id] title	presenter
9:00 AM	[M78] Composite Higgs and Dark Matter	Mr CAI, Chengfeng
9:30 AM	[M79] Higgs potential and phase transition	GUO, Huaike Prof. SHU, Jing
10:00	[M32] Primordial black holes from a cosmic phase transition: The collapse of Fermi-balls	谢, 柯盼
10:20	[M66] Effective picture of cosmic bubble expansion	Mr WANG, Shao-Jiang
10:40 AM	Coffee break	
11:00	[M35] 电弱相变中引力波信号的精确计算	Dr 王, 潇
11:20	[M45] Probing the B+L violation process with the observation of cosmic magnetic field	Prof. BIAN, Ligong
11:40	[M30] Probing electroweak phase transition with multi-TeV muon colliders and gravitational waves	Dr LIU, Wei
12:00 PM	Lunch time	
2:00 PM	[M80] Non-resonant di-Higgs process at LHC	CADAMURO, Luca
2:30 PM	[M51] Search for Higgs boson pair production in $\gamma\gamma$ final state	贾, 子航
2:50 PM	[M63] 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
3:10 PM	[M65] Measuring Higgs Boson Self-couplings with $2\rightarrow 3$ VBS Processes	Dr CHEN (谌), Junmou (俊谋)
3:30 PM	Coffee break	
3:50 PM	[M81] BSM resonance search for HH (SH, SS) at LHC	MELLADO, Bruce
4:20 PM	[M90] The multilepton anomalies at the LHC and the prospect of new physics at the EW scale	ABDUALAZEM FADOL MOHAMMED EBRHIM
4:40 PM	[M47] Probing Higgs boson properties with boosted objects at the CMS experiment	QU, Huilin
5:00 PM	[M54] New Physics bounded from above: 2HDM confronting strong 1st order electroweak phase transition	ZHANG, mengchao