



## Higgs Potential 2022

Monday, 25 July 2022

Higgs & indirect BSM (09:15 - 20:30)

-Conveners: Mingshui CHEN; 昊 ZHANG; meng xiao; Jiayin Gu

time	[id] title	presenter
09:15	[41] Higgs precision measurements at CMS and ATLAS	SARICA, Ulascan
09:45	[19] Measurement of the Higgs boson differential fiducial cross sections in the four-lepton decay channel in pp collisions at $\sqrt{s} = 13$ TeV	Dr JAVAID, Tahir
10:05	[12] Measurements of the Higgs boson inclusive and differential fiducial cross-sections in the diphoton decay channel with $\sqrt{s} = 13$ TeV collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Mr LU, Gangcheng
10:25	[52] Helicity amplitudes without gauge cancellation for electroweak processes	Dr CHEN (谌), Junmou (俊谋)
10:45	[54] Resolving Degenerate 125 GeV Higgs Bosons	许, 昌龙
11:05	Coffee Break/茶歇 + Photo/集体照Zoom	
11:25	[39] Higgs couplings at future colliders	LIU, Zhen
11:55	[38] Highlights in CEPC	Prof. FANG YAQUAN, Yaquan
12:25	[32] Probing Higgs SCPS properties at the CEPC	SHA, Qiyu
12:45	Lunch break/午休	
14:00	[40] Higgs precision prediction	Prof. YANG, Lilin YANG, Lilin
14:30	[24] Dihedral Angle Observable for Measuring CP Property of Top-Higgs Interaction	Dr ZHANG, Rui
14:50	[25] Measuring CP properties of Higgs boson interactions with $S\tau$ leptons with the ATLAS detector	LI, Huanguo
15:10	[5] ATLAS Higgs Combination	LI, Changqiao 李, 昌樵
15:30	[17] Higgs Combination in CMS	MONTI, fabio
15:50	Coffee Break/茶歇	
16:10	[42] Higgs rare decay at CMS and ATLAS	ZHOU, Chen
16:40	[21] Constraining the Higgs-charm coupling at CMS	LI, Congqiao
17:00	[26] Higgs boson decay to charmonia via $c$ -quark fragmentation	Dr TAN, Xiaoze
17:20	[7] Probing light quark Yukawa couplings through angularity distributions in Higgs boson decay	Dr YAN, Bin