

QCD@LHC 2016

Monday 22 August 2016

Higgs - RAI-J-031 (14:30 - 18:00)

-Conveners: Stefan Liebler; Paolo Meridiani; Carl Bryan Gwilliam

time	[id] title	presenter
14:30	[67] Theory precision for the gluon fusion cross section	BONVINI, Marco
15:00	[68] Bosonic SM Higgs decays at ATLAS + CMS	HUANG, Yanping HUANG, Yanping HUANG, Yanping
15:30	[69] Fermionic SM Higgs decays at ATLAS + CMS	CHERNYAVSKAYA, Nadezda
16:00	Coffee break	
16:30	[70] Experimental results on $gg \rightarrow t\bar{t}H$ from ATLAS and CMS	THOMAS-WILSKER, Joshuha
17:00	[71] Theory precision for $t\bar{t}H$ signal and backgrounds	POZZORINI, Stefano Augusto POZZORINI, Stefano
17:30	[72] Accurate predictions for charged Higgs production for $m_{H^\pm} \sim m_t$	FREDERIX, Rikkert

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time	[id] title	presenter
14:30	[73] Resummation in Higgs physics	ROTHEN, Lorena
15:00	[74] Simplified cross sections	FRANCAVILLA, Paolo
15:30	[75] Experimental results on differential Higgs boson cross sections from ATLAS and CMS	VILIANI, Lorenzo
16:00	Coffee break	
16:30	[76] Experimental results on di-photon, ZZ and WW resonances from ATLAS and CMS	WU, Mengqing
17:00	[77] Theory predictions for off-shell ZZ and WW production including Higgs boson effects	TANCREDI, Lorenzo
17:30	[78] Exploiting jet binning to identify the initial state of high-mass resonances	EBERT, Markus

Thursday 25 August 2016

Higgs: Higgs - RAI-J-031 (14:30 - 18:00)

-Conveners: Stefan Liebler; Paolo Meridiani; Carl Bryan Gwilliam

time	[id] title	presenter
14:30	[79] Theory status of bottom-quark associated Higgs production	PAPANASTASIOU, Andrew PAPANASTASIOU, Andrew Sofronis PAPANASTASIOU, Andrew Sofronis PAPANASTASIOU, Andrew Sofronis
15:00	[80] Heavy neutral and charged Higgs boson searches in the MSSM and the 2HDM at ATLAS and CMS	VAN ONSEM, Gerrit
15:30	[81] Effective Higgs Lagrangian at NLO QCD	GAULD, Rhorry
16:00	Coffee break	
16:30	[82] Experimental results on rare decays of the 125GeV Higgs boson from ATLAS and CMS	ATLAS GENG, Cong
17:00	[83] Theory Predictions for Higgs Boson Pair Production	Dr JONES, Stephen
17:30	[84] Differential Higgs Boson Pair Production at Next-to-Next-to-Leading Order in QCD	LINDERT, Jonas LINDERT, Jonas