

Hamburg Workshop on Higgs Physics - Preparing for Higgs Boson Studies with Future LHC Data

Friday 24 October 2014

Summary, Discussion, and Requirements for Higgs with $O(100/\text{fb})$ - SR 4a/b (09:00 - 13:00)

-Conveners: Georg Weiglein; Juergen Reuter

time	[id] title	presenter
09:00	[8] Theoretical Precision	DE FLORIAN, Daniel
09:45	[26] Measuring the Higgs-charm coupling with heavy quarkonia	HEE-SOK, Chung
10:05	[27] Resummation of b-quark mass effects in bbH-induced Higgs production	PAPANASTASIOU, Andrew
10:25	[28] Theoretical and experimental constraints on the real Higgs singlet extension of the Standard Model	Dr ROBENS, Tania
10:45	Coffee break	
11:10	[29] Higgs pair production at the LHC: SM and beyond	VRONIDOU, Eleni
11:30	[30] Projections for measurements of Higgs boson cross sections, branching ratios and coupling parameters with the ATLAS detector	PETIT, Elisabeth
11:50	[31] Prospects for searches of rare decays of the 125 GeV Higgs boson with the ATLAS detector	Dr HUANG, Yanping
12:10	[33] Closing remarks	