

9th Annual Meeting of the Helmholtz Alliance "Physics at the Terascale"

Tuesday 17 November 2015

SM physics - Hörsaal (15:15 - 16:55)

-Conveners: Klaus Rabbertz; Steffen Schumann; Anna Kulesza; Monica Dunford

time	[id] title	presenter
15:15	[35] CMS Jet energy calibration	FISCHER, Max
15:35	[37] NLO event generation with Herwig	GIESEKE, Stefan
15:55	[38] Fast evaluation of theory uncertainties with MCgrid and Sherpa	Mr BOTHMANN, Enrico
16:15	[36] Impact of inclusive jet cross section measurements at 8 TeV on parton distribution	Mr EREN, Engin

Wednesday 18 November 2015

SM physics - Hörsaal (09:00 - 12:40)

-Conveners: Klaus Rabbertz; Steffen Schumann; Anna Kulesza; Monica Dunford

time	[id] title	presenter
09:00	[40] Theory of Heavy Quarkonium Production	BUTTENSCHÖN, Mathias
09:20	[41] Double parton scattering without double counting	Dr DIEHL, Markus
09:40	[42] The HERA inclusive scattering data combination and the HERAPDF2.0 parton densities	Dr PIRUMOV, Hayk
10:00	[43] NLO QCD Corrections to Higgs Pair Production including Dimension-6 Operators	STREICHER, Juraj
10:20	[44] Higgs boson production beyond NNLO	SCHMIDT, Timo
10:40	Coffee break (times indicative)	
11:00	[45] Two-loop EW threshold corrections and the stability of EW vacuum	VERETIN, oleg
11:20	[46] Non-factorizable photonic corrections to resonant production and decay of many unstable particles	Mr SCHWAN, Christopher
11:40	[47] Measurement of the Z forward-backward asymmetry and the weak mixing angle in ATLAS	Dr DI SIMONE, Andrea
12:00	[48] A measurement of tau polarization in Z decays at CMS	CHEREpanov, Vladimir
12:20	[49] Exclusive Radiative Decays of Z Bosons into $\eta(\prime)$ in QCD Factorisation	ALTE, Stefan