

Heavy Particles at the LHC

Report of Contributions

Contribution ID: 0

Type: **not specified**

Defending a Non Standard Supersymmetric Spectrum

Thursday, 6 January 2011 09:00 (30 minutes)

Presenter: BARBIERI, Riccardo (Dipartimento di Fisica)

Contribution ID: 1

Type: **not specified**

TBA

Presenter: RATTAZZI, Riccardo (Ecole Polytechnique Federale de Lausanne (EPFL))

Contribution ID: 2

Type: **not specified**

Searching for Lepton Jets in Hadron Colliders

Friday, 7 January 2011 14:00 (30 minutes)

Presenter: FALKOWSKI, Adam (Unknown)

Contribution ID: 3

Type: **not specified**

Finding New Physics Using Jet Substructure: Two Examples

Thursday, 6 January 2011 09:30 (30 minutes)

Presenter: KAPLAN, David (Johns Hopkins University)

Contribution ID: 4

Type: **not specified**

TBA

Presenter: RANDALL, Lisa

Contribution ID: 5

Type: **not specified**

SUSY Yukawa sum rule - a road towards testing weak scale naturalness

Thursday, 6 January 2011 12:00 (30 minutes)

Presenter: BLANKE, Monika (Technucal University Munich)

Contribution ID: 6

Type: **not specified**

Seesaw-predicted heavy leptons at the LHC

Thursday, 6 January 2011 10:00 (30 minutes)

Presenter: Prof. PICEK, Ivica (Phys. Dept., University of Zagreb)

Contribution ID: 7

Type: **not specified**

Summary talk

Friday, 7 January 2011 14:30 (1 hour)

Presenter: DAWSON, Sally (BNL)

Contribution ID: **8**

Type: **not specified**

TBA

Presenter: WEILER, Andreas

Contribution ID: 9

Type: **not specified**

Giant K factors

Friday, 7 January 2011 10:00 (30 minutes)

Presenter: SALAM, Gavin (Unknown)

Contribution ID: **10**

Type: **not specified**

Update on the top quark charge asymmetry

Wednesday, 5 January 2011 17:00 (30 minutes)

Presenter: Dr RODRIGO, Germán (IFIC Valencia)

Contribution ID: 11

Type: **not specified**

Effective Field Theory for Top Quark Physics

Wednesday, 5 January 2011 17:30 (30 minutes)

Presenter: WILLENBROCK, Scott

Contribution ID: 12

Type: **not specified**

Tagging Tops

Friday, 7 January 2011 09:00 (30 minutes)

Presenter: PLEHN, Tilman (Heidelberg University)

Contribution ID: **13**

Type: **not specified**

TBA

Friday, 7 January 2011 09:30 (30 minutes)

Presenter: Prof. WACKER, Jacob (SLAC)

Contribution ID: 14

Type: **not specified**

Color sextet bosons and same-sign top quark pairs at the LHC

Friday, 7 January 2011 12:30 (1 minute)

Presenter: Dr BERGER, Edmond (ANL)

Contribution ID: 15

Type: **not specified**

Precise predictions for Higgs production via gluon fusion in BSM scenarios

Friday, 7 January 2011 12:00 (30 minutes)

Presenter: FURLAN, Elisabetta (ETH Zurich)

Contribution ID: 16

Type: **not specified**

Precision constraints on models with split UED and predictions for sUED KK mass spectrum

Friday, 7 January 2011 11:30 (30 minutes)

Presenter: FLACKE, Thomas

Contribution ID: 17

Type: **not specified**

CMS top quarks

Friday, 7 January 2011 11:00 (30 minutes)

Presenter: KRUTELYOV, Slava (Physics Department - University of California)

Contribution ID: **18**

Type: **not specified**

Measurements of b-quark production with the CMS experiment

Thursday, 6 January 2011 11:00 (30 minutes)

Presenter: CHIOCHIA, Vincenzo (Universitat Zurich)

Contribution ID: **19**

Type: **not specified**

Heavy particles at ATLAS

Thursday, 6 January 2011 15:30 (30 minutes)

Presenter: KROENINGER, Kevin (University of Goettingen)

Contribution ID: 20

Type: **not specified**

Results from the Tevatron

Thursday, 6 January 2011 12:30 (30 minutes)

Presenter: Dr WALLNY, Rainer (UCLA)

Contribution ID: 21

Type: **not specified**

W, Z and exclusion dimuon final states at LHCb

Wednesday, 5 January 2011 16:30 (30 minutes)

Presenter: Dr MCNULTY, Ronan (University College Dublin)

Contribution ID: 22

Type: **not specified**

Top quark physics at hadron colliders with QCD corrections to production and decay

Thursday, 6 January 2011 11:30 (30 minutes)

Presenter: MELNIKOV, Kirill

Contribution ID: 23

Type: **not specified**

NLO QCD corrections to WWbb production at hadron colliders

Wednesday, 5 January 2011 09:30 (30 minutes)

Presenter: POZZORINI, Stefano

Contribution ID: 24

Type: **not specified**

Off-shell effects in top production at NLO: the $lvlvbb$ case

Wednesday, 5 January 2011 10:00 (30 minutes)

Presenter: PAPADOPOULOS, Costas (Institute of Nuclear Physics)

Contribution ID: 26

Type: **not specified**

Double-real radiation in top quark pair hadroproduction

Thursday, 6 January 2011 17:30 (30 minutes)

Presenter: CZAKON, Michal (University of Wuerzburg)

Contribution ID: 27

Type: **not specified**

Antenna subtraction for the production of massive final state fermions at hadron colliders

Thursday, 6 January 2011 17:00 (30 minutes)

Presenter: ABELOF, Gabriel

Contribution ID: 28

Type: **not specified**

Next-to-leading order corrections in Higgs boson production in association of a photon in weak boson fusion

Wednesday, 5 January 2011 11:00 (30 minutes)

Presenter: Dr FIGY, Terrance (University of Durham)

Contribution ID: 29

Type: **not specified**

TBA

Thursday, 6 January 2011 15:00 (30 minutes)

Presenter: MOCH, Sven-Olaf (Unknown)

Contribution ID: **30**

Type: **not specified**

Parton distributions, with special emphasis on uncertainties on top and BSM cross sections

Thursday, 6 January 2011 14:30 (30 minutes)

Presenter: STIRLING, James (Cambridge University)

Contribution ID: 31

Type: **not specified**

High-precision predictions for Higgs and top-quark pair production at hadron colliders

Wednesday, 5 January 2011 15:00 (30 minutes)

Presenter: NEUBERT, Matthias

Contribution ID: 32

Type: **not specified**

Resonant single top production at hadron colliders

Wednesday, 5 January 2011 14:30 (30 minutes)

Presenter: SIGNER, Adrian

Contribution ID: 33

Type: **not specified**

NLO top anti-top pair production plus one jet matched with shower in POWHEG

Wednesday, 5 January 2011 15:30 (30 minutes)

Presenter: ALIOLI, Simone (DESY, Zeuthen)

Contribution ID: 34

Type: **not specified**

Top-quark pair production beyond NLO

Thursday, 6 January 2011 18:00 (30 minutes)

Presenter: Dr FERROGLIA, Andrea (U. di FRiburgo)

Contribution ID: 35

Type: **not specified**

A view from the top

Wednesday, 5 January 2011 11:30 (30 minutes)

Presenter: FREDERIX, Rikkert

Contribution ID: 36

Type: **not specified**

Soft-gluon resummation for coloured SUSY production

Wednesday, 5 January 2011 14:00 (30 minutes)

Presenter: KULESZA, Anna (RWTH Aachen)

Contribution ID: 37

Type: **not specified**

Higher order threshold effects for top and squark pair production

Wednesday, 5 January 2011 12:00 (30 minutes)

Presenter: SCHWINN, Christian (Freiburg University)

Contribution ID: **38**

Type: **not specified**

Registration

Wednesday, 5 January 2011 08:30 (45 minutes)

Contribution ID: 39

Type: **not specified**

Opening address by the pro-rector of Medicine and Natural Sciences of the University of Zurich

Wednesday, 5 January 2011 09:15 (15 minutes)

Primary author: Prof. WYLER, Daniel

Presenter: Prof. WYLER, Daniel