

Physics in Collision 2012

Report of Contributions

Contribution ID: 1

Type: **not specified**

Measurement of the W Boson Mass and Width

Wednesday 12 September 2012 09:10 (25 minutes)

Presenter: LANCASTER, Mark (UCL)

Session Classification: Electroweak I

Contribution ID: 2

Type: **not specified**

W, Z and γ Production

Wednesday 12 September 2012 09:35 (40 minutes)

Presenter: SAVIN, Alexander (University of Wisconsin (US))

Session Classification: Electroweak I

Contribution ID: 3

Type: **not specified**

Charge Asymmetry in tt Production

Wednesday 12 September 2012 11:25 (25 minutes)

Presenter: PETERS, Reinhild (Georg-August-Universitaet Goettingen (DE))

Session Classification: Electroweak II

Contribution ID: 4

Type: **not specified**

$t\bar{t}$ and Single t Production

Wednesday 12 September 2012 10:45 (40 minutes)

Presenter: MEYER, Andreas (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Electroweak II

Contribution ID: 5

Type: **not specified**

Measurements of t Quark Properties

Wednesday 12 September 2012 11:50 (40 minutes)

Presenter: LISS, Anthony Michael (Univ. Illinois at Urbana-Champaign (US))

Session Classification: Electroweak II

Contribution ID: 6

Type: **not specified**

Total pp Cross Section at 2 TeV and pp Cross Section Measurements at 7, 8 TeV and 57 TeV

Wednesday 12 September 2012 13:50 (30 minutes)

Presenter: CARTIGLIA, Nicolo (Universita e INFN (IT))

Session Classification: QCD I

Contribution ID: 8

Type: **not specified**

Multiparton Interactions

Wednesday 12 September 2012 14:20 (30 minutes)

Presenter: DOBSON, Ellie (Oxford University)

Session Classification: QCD I

Contribution ID: 9

Type: **not specified**

Jet Production

Wednesday 12 September 2012 14:50 (45 minutes)

Presenter: Prof. HIROSKY, Bob (University of Virginia)

Session Classification: QCD I

Contribution ID: **10**

Type: **not specified**

Jet Substructure

Wednesday 12 September 2012 15:35 (45 minutes)

Presenter: DUCHOVNI, Ehud (Weizmann Institute of Science (IL))

Session Classification: QCD I

Contribution ID: 11

Type: **not specified**

Inclusive NC and CC Cross Sections and HERA Quarks and Gluon Distributions

Wednesday 12 September 2012 16:50 (40 minutes)

Presenter: WING, Matthew (UCL)

Session Classification: QCD II

Contribution ID: 12

Type: **not specified**

Precision Tests of QCD

Wednesday 12 September 2012 17:30 (30 minutes)

Presenter: KOGLER, Roman (Hamburg University (DE))

Session Classification: QCD II

Contribution ID: 13

Type: **not specified**

Status of Parton Distribution Functions

Wednesday 12 September 2012 18:00 (40 minutes)

Presenter: BLUEMLEIN, Johannes (DESY)

Session Classification: QCD II

Contribution ID: 14

Type: **not specified**

The Experimental Status of θ_{13} from the Point of View of the Electron (Anti-) Neutrino Disappearance Experiments

Thursday 13 September 2012 08:30 (40 minutes)

Presenter: LEITNER, Rupert (Charles University (CZ))

Session Classification: Neutrino I

Contribution ID: 15

Type: **not specified**

The Experimental Status of θ_{13} from the Point of View of the Electron Neutrino Appearance Experiments

Thursday 13 September 2012 09:10 (40 minutes)

Presenter: UCHIDA, Yoshi (Imperial College London)

Session Classification: Neutrino I

Contribution ID: 16

Type: **not specified**

Other Neutrino Oscillation Measurements

Thursday 13 September 2012 09:50 (30 minutes)

Presenter: KOSHIO, Yusuke (University of Tokyo)

Session Classification: Neutrino I

Contribution ID: 17

Type: **not specified**

Double β Decay

Thursday 13 September 2012 10:50 (20 minutes)

Presenter: Dr KAUFMAN, Lisa (University of Indiana)

Session Classification: Neutrino II

Contribution ID: **18**

Type: **not specified**

Neutrino Cross Sections

Thursday 13 September 2012 11:10 (20 minutes)

Presenter: FIELDS, Laura J. (Northwestern Univ.)

Session Classification: Neutrino II

Contribution ID: **19**

Type: **not specified**

B Decays and CPV

Thursday 13 September 2012 13:05 (30 minutes)

Presenter: WALDI, Roland (Universitaet Rostock (DE))

Session Classification: Heavy Flavour I

Contribution ID: 20

Type: **not specified**

B_{s^*} Decays and CPV

Thursday 13 September 2012 13:35 (30 minutes)

Presenter: HANSMANN-MENZEMER, Stephanie (Ruprecht-Karls-Universitaet Heidelberg (DE))

Session Classification: Heavy Flavour I

Contribution ID: 21

Type: **not specified**

Bottom Production, Spectroscopy and Lifetimes

Thursday 13 September 2012 14:05 (30 minutes)

Presenter: ARGIRO, Stefano (Universita e INFN (IT))

Session Classification: Heavy Flavour I

Contribution ID: 22

Type: **not specified**

Leptonic and Semileptonic Decays in Charm

Thursday 13 September 2012 14:35 (30 minutes)

Presenter: ZHENG, Yangheng (GUCAS)

Session Classification: Heavy Flavour I

Contribution ID: 23

Type: **not specified**

D⁰ Mixing and CP Violation in D Decays

Thursday 13 September 2012 15:05 (30 minutes)

Presenter: POLYCARPO MACEDO, Erica (Univ. Federal do Rio de Janeiro (BR))

Session Classification: Heavy Flavour I

Contribution ID: 24

Type: **not specified**

Charmonium and Light Meson Spectroscopy

Thursday 13 September 2012 16:05 (30 minutes)

Presenter: ZHU, Kai (IHEP)

Session Classification: Heavy Flavour II

Contribution ID: 25

Type: **not specified**

Quarkonium and Exotic Hadrons

Thursday 13 September 2012 16:35 (45 minutes)

Presenter: CHISTOV, Ruslan (ITEP Moscow)

Session Classification: Heavy Flavour II

Contribution ID: 26

Type: **not specified**

LFV in Charged Leptons

Thursday 13 September 2012 17:20 (30 minutes)

Presenter: GRASSI, Marco (INFN - Italy)

Session Classification: Heavy Flavour II

Contribution ID: 27

Type: **not specified**

Supersymmetry Searches

Friday 14 September 2012 08:30 (45 minutes)

Presenter: DE JONG, Paul (NIKHEF (NL))

Session Classification: Searches, Dark Matter, Exotic Phenomena I

Contribution ID: 28

Type: **not specified**

Search for New Generations

Friday 14 September 2012 09:15 (30 minutes)

Presenter: VAN MULDER, Petra (Inter-University Institute for High Energies (BE))

Session Classification: Searches, Dark Matter, Exotic Phenomena I

Contribution ID: 29

Type: **not specified**

Hadron-Hadron Correlations

Friday 14 September 2012 10:50 (40 minutes)

Presenter: HRISTOV, Peter (CERN)

Session Classification: Heavy Ion Physics

Contribution ID: **31**

Type: **not specified**

Recent progress in Lattice QCD

Friday 14 September 2012 12:30 (45 minutes)

Presenter: DURR, Stephan (Unknown)

Session Classification: QCD III

Contribution ID: 32

Type: **not specified**

Very Forward pp interactions with the LHCf detector

Friday 14 September 2012 13:15 (20 minutes)

Presenter: TRICOMI, Alessia (Universita e INFN (IT))

Session Classification: QCD III

Contribution ID: 33

Type: **not specified**

Recent Results from Kaon Physics

Friday 14 September 2012 13:35 (30 minutes)

Presenter: SERGI, Antonino (CERN)

Session Classification: QCD III

Contribution ID: 34

Type: **not specified**

Exotic Phenomena Searches

Saturday 15 September 2012 08:30 (30 minutes)

Presenter: SANTANASTASIO, Francesco (CERN)

Session Classification: Searches, Dark Matter, Exotic Phenomena II

Contribution ID: 35

Type: **not specified**

Searches for Dark Matter

Saturday 15 September 2012 09:00 (45 minutes)

Presenter: ARNEODO, Francesco (Laboratorio Nazionale del Gran Sasso (LNGS))

Session Classification: Searches, Dark Matter, Exotic Phenomena II

Contribution ID: 36

Type: **not specified**

Higgs Searches at the Tevatron

Saturday 15 September 2012 09:45 (45 minutes)

Presenter: VARNES, Erich (University of Arizona)

Session Classification: Higgs Boson Searches I

Contribution ID: 37

Type: **not specified**

Higgs Searches at ATLAS

Saturday 15 September 2012 11:00 (45 minutes)

Presenter: SCHAFFER, R D (Universite de Paris-Sud 11 (FR))

Session Classification: Higgs Boson Searches II

Contribution ID: **38**

Type: **not specified**

Higgs Searches at CMS

Saturday 15 September 2012 11:45 (45 minutes)

Presenter: Dr SALERNO, Roberto (Ecole Polytechnique (FR))

Session Classification: Higgs Boson Searches II

Contribution ID: 39

Type: **not specified**

Measurement of the proton-air cross-section at $\sqrt{s} = 57$ TeV with the Pierre Auger Observatory

Thursday 13 September 2012 11:30 (7 minutes)

Presenter: EBR, Jan (IP CAS, Prague)

Session Classification: Poster Presentations I

Contribution ID: 40

Type: **not specified**

JEM-EUSO experiment for extreme energy cosmic ray observation

Thursday 13 September 2012 11:37 (7 minutes)

Presenter: PASTIRCAK, Blahoslav (Institute of Experimental Physics)

Session Classification: Poster Presentations I

Contribution ID: 41

Type: **not specified**

The Lambda parameter of two flavor QCD

Thursday 13 September 2012 11:44 (7 minutes)

Presenter: LEDER, Bjoern (University of Wuppertal)

Session Classification: Poster Presentations I

Contribution ID: 42

Type: **not specified**

Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy

Thursday 13 September 2012 11:51 (7 minutes)

Presenter: GOMBER, Bhawna (Saha Institute of Nuclear Physics (IN))

Session Classification: Poster Presentations I

Contribution ID: 43

Type: **not specified**

The SuperB factory : physics prospects and project status

Thursday 13 September 2012 11:58 (7 minutes)

Presenter: PEREZ, Luis Alejandro (INFN-Pisa)

Session Classification: Poster Presentations I

Contribution ID: 44

Type: **not specified**

Charge asymmetry in top quarks pair production in the dilepton channel at ATLAS

Friday 14 September 2012 09:45 (7 minutes)

Presenter: CUTH, Jakub (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: Poster Presentations II

Contribution ID: 45

Type: **not specified**

Charged-particle veto detector for the KL \rightarrow π^0 nunubar study in the J-PARC KOTO experiment

Friday 14 September 2012 09:52 (7 minutes)

Presenter: MAEDA, Yosuke (Kyoto University)

Session Classification: Poster Presentations II

Contribution ID: 46

Type: **not specified**

**A search for the Standard Model Higgs boson in the
H \rightarrow ZZ \rightarrow 2l2nu decay channel, where l = e or mu, in
pp collisions at a center-of-mass energy of both 7 and
8 TeV**

Friday 14 September 2012 09:59 (7 minutes)

Presenter: KUMAR, Arun (University of Delhi (IN))

Session Classification: Poster Presentations II

Contribution ID: 47

Type: **not specified**

The COMET Muon-to-Electron Conversion Experiment

Friday 14 September 2012 10:06 (7 minutes)

Presenter: UCHIDA, Yoshi (Imperial College London)

Session Classification: Poster Presentations II

Contribution ID: 48

Type: **not specified**

The ATLAS Inner Detector operation, data quality and tracking performance

Friday 14 September 2012 10:13 (7 minutes)

Presenter: STANECKA, Ewa (Polish Academy of Sciences (PL))

Session Classification: Poster Presentations II