

Hadron-Hadron & Cosmic-Ray Interactions at multi-TeV Energies

Report of Contributions

Contribution ID: 0

Type: **not specified**

Workshop introduction

Monday, November 29, 2010 9:15 AM (5 minutes)

Presenters: D'ENTERRIA, David (CERN); Dr ENGEL, Ralph (Forschungszentrum Karlsruhe); SJOSTRAND, Torbjorn (Lund University / CERN)

Contribution ID: 1

Type: **not specified**

ATLAS QCD results

Monday, November 29, 2010 9:20 AM (30 minutes)

Primary author: Dr SUTTON, Mark (University of Sheffield)

Presenter: Dr SUTTON, Mark (University of Sheffield)

Contribution ID: 2

Type: **not specified**

First CMS results

Monday, November 29, 2010 9:50 AM (30 minutes)

Primary author: HEBBEKER, Thomas (III. Physikalisches Institut (A))

Presenter: HEBBEKER, Thomas (III. Physikalisches Institut (A))

Contribution ID: 3

Type: **not specified**

LHCb QCD results

Monday, November 29, 2010 11:20 AM (30 minutes)

Primary author: SCHLEICH, Sebastian (TU Dortmund)

Presenter: SCHLEICH, Sebastian (TU Dortmund)

Contribution ID: 4

Type: **not specified**

Performances of the ALICE experiment for cosmic ray physics

Wednesday, December 1, 2010 9:00 AM (30 minutes)

Primary author: ALESSANDRO, Bruno (Univ. + INFN)

Presenter: ALESSANDRO, Bruno (Univ. + INFN)

Contribution ID: 5

Type: **not specified**

TOTEM results & perspectives

Monday, November 29, 2010 11:50 AM (30 minutes)

Primary author: EGGERT, Karsten (CERN)

Presenter: EGGERT, Karsten (CERN)

Contribution ID: 6

Type: **not specified**

LHCf results

Monday, November 29, 2010 2:30 PM (30 minutes)

Primary author: BONGI, Massimo (Universita & INFN, Firenze)

Presenter: BONGI, Massimo (Universita & INFN, Firenze)

Contribution ID: 7

Type: **not specified**

Tevatron results of relevance for cosmic-rays

Monday, November 29, 2010 3:00 PM (30 minutes)

Primary author: SONNENSCHNEIN, Lars (RWTH Aachen)

Presenter: SONNENSCHNEIN, Lars (RWTH Aachen)

Contribution ID: 8

Type: **not specified**

HERA results of relevance for cosmic rays

Monday, November 29, 2010 4:00 PM (30 minutes)

Primary author: BUNYATYAN, Armen (DESY)

Presenter: BUNYATYAN, Armen (DESY)

Contribution ID: 9

Type: **not specified**

Charged-Particle Multiplicity in Proton-Proton and Heavy-ion Collisions at Collider Energies

Monday, November 29, 2010 10:50 AM (30 minutes)

Primary author: GROSSE-OETRINGHAUS, Jan Fiete (CERN)

Presenter: GROSSE-OETRINGHAUS, Jan Fiete (CERN)

Contribution ID: **10**

Type: **not specified**

STAR results of relevance for cosmic rays

Wednesday, December 1, 2010 10:00 AM (30 minutes)

Presenter: KIRYLUK, Joanna (LBL)

Contribution ID: **11**

Type: **not specified**

PYTHIA 8

Tuesday, November 30, 2010 11:30 AM (30 minutes)

Presenter: SJOSTRAND, Torbjorn (Lund University / CERN)

Contribution ID: **12**

Type: **not specified**

HERWIG

Tuesday, November 30, 2010 11:00 AM (30 minutes)

Presenter: GIESEKE, Stefan (Unknown)

Contribution ID: **13**

Type: **not specified**

SHERPA MC

Tuesday, November 30, 2010 10:00 AM (30 minutes)

Presenter: ZAPP, Korinna (University of Heidelberg)

Contribution ID: 14

Type: **not specified**

Multiparton interactions

Presenter: KULESZA, Anna (RWTH Aachen)

Contribution ID: 15

Type: **not specified**

Total cross sections at very high energies

Tuesday, November 30, 2010 2:30 PM (30 minutes)

Presenter: GODBOLE, Rohini (Centre for Theoretical Studies (CTS))

Contribution ID: 16

Type: **not specified**

Gluon Saturation at the LHC from Color-Glass-Condensate

Tuesday, November 30, 2010 4:00 PM (30 minutes)

Presenter: REZAEIAN, Amir (Valparaiso)

Contribution ID: 17

Type: **not specified**

talk

Contribution ID: **18**

Type: **not specified**

talk

Contribution ID: **19**

Type: **not specified**

Jets and the Underlying Event

Tuesday, November 30, 2010 3:00 PM (30 minutes)

Presenter: SAPETA, Sebastian (LPTHE)

Contribution ID: **20**

Type: **not specified**

Baryon production at collider energies

Wednesday, December 1, 2010 11:30 AM (30 minutes)

Presenter: PISKUNOVA, Olga (Lebedev Physics Institute, Moscow)

Contribution ID: **21**

Type: **not specified**

talk

Contribution ID: 22

Type: **not specified**

Hadron production in collider experiments

Wednesday, December 1, 2010 11:00 AM (30 minutes)

Presenter: ROSTOVTSEV, Andrei (ITEP Institute for Theoretical and Experimental Physics (ITEP)-U)

Contribution ID: 23

Type: **not specified**

DPMJET-III: LHC predictions

Wednesday, December 1, 2010 2:30 PM (30 minutes)

Presenter: RANFT, Johannes (Fachbereich Physik)

Contribution ID: 24

Type: **not specified**

Introduction to cross section measurements using cosmic ray data

Wednesday, December 1, 2010 4:30 PM (30 minutes)

Presenter: ULRICH, Ralf Matthias (Forschungszentrum Karlsruhe GmbH (FZK)-Unknown-Unknown)

Contribution ID: 25

Type: **not specified**

Auger results

Thursday, December 2, 2010 10:00 AM (30 minutes)

Presenter: CAZON, Lorenzo (Lisbon)

Contribution ID: 26

Type: **not specified**

IceCube results

Thursday, December 2, 2010 9:00 AM (30 minutes)

Presenter: GERHARDT, Lisa (LBL)

Contribution ID: 27

Type: **not specified**

HiRes results

Thursday, December 2, 2010 2:30 PM (30 minutes)

Presenter: BERGMAN, Doug (Utah)

Contribution ID: 28

Type: **not specified**

KASCADE-Grande results

Thursday, December 2, 2010 11:30 AM (30 minutes)

Presenter: DOLL, Paul (IK-FZK)

Contribution ID: 29

Type: **not specified**

TA results

Thursday, December 2, 2010 9:30 AM (30 minutes)

Presenter: SAKURAI, Nobuyuki

Contribution ID: **30**

Type: **not specified**

ARGO-YBJ results

Thursday, December 2, 2010 11:00 AM (30 minutes)

Presenter: DE MITRI, Ivan (Dipartimento di Fisica)

Contribution ID: **31**

Type: **not specified**

UHECRs and hadronic interactions

Thursday, December 2, 2010 3:00 PM (30 minutes)

Presenter: LIPARI, Paolo (Roma)

Contribution ID: **32**

Type: **not specified**

FLUKA MC

Friday, December 3, 2010 11:00 AM (30 minutes)

Presenter: GARZELLI, Maria Vittoria

Contribution ID: 33

Type: **not specified**

High energy hadronic collisions from the Pomeron calculus: cross sections, diffraction, and MC simulation

Friday, December 3, 2010 9:30 AM (30 minutes)

Presenter: OSTAPCHENKO, Sergey (Norwegian University for Science and Technology (NTNU))

Contribution ID: **34**

Type: **not specified**

EPOS MC

Friday, December 3, 2010 10:00 AM (30 minutes)

Presenter: WERNER, Klaus (Subatech)

Contribution ID: 35

Type: **not specified**

On the relation between air shower predictions and features of hadronic interactions

Thursday, December 2, 2010 4:30 PM (30 minutes)

Presenter: ULRICH, Ralf Matthias (Forschungszentrum Karlsruhe GmbH (FZK)-Unknown-Unknown)

Contribution ID: **36**

Type: **not specified**

SIBYLL MC

Friday, December 3, 2010 9:00 AM (30 minutes)

Presenter: Dr ENGEL, Ralph (Forschungszentrum Karlsruhe)

Contribution ID: 37

Type: **not specified**

Comparison of model predictions to LHC data

Friday, December 3, 2010 11:30 AM (30 minutes)

Presenter: Dr PIEROG, Tanguy (KIT)

Contribution ID: **38**

Type: **not specified**

CMS results of relevance for cosmic-rays

Wednesday, December 1, 2010 9:30 AM (30 minutes)

Presenter: KHEYN, Lev (Lomonosov Moscow State University-Unknown-Unknown)

Contribution ID: 39

Type: **not specified**

MC tuning at the LHC

Tuesday, November 30, 2010 9:00 AM (30 minutes)

Presenter: Mr SCHULZ, Holger (Institut für Physik-Humboldt-Universität zu Berlin)

Contribution ID: 40

Type: **not specified**

Correlations and fluctuations

Tuesday, November 30, 2010 9:30 AM (30 minutes)

Presenter: GUSTAFSON, Gosta (Lund University)

Contribution ID: 41

Type: **not specified**

Open questions in cosmic ray physics and the importance of understanding hadronic interactions

Wednesday, December 1, 2010 3:00 PM (30 minutes)

Presenter: Dr ENGEL, Ralph (Forschungszentrum Karlsruhe)

Contribution ID: 42

Type: **not specified**

ECT* Director Welcome

Monday, November 29, 2010 9:00 AM (15 minutes)