

The High-Energy Universe

Report of Contributions

Contribution ID: **0**

Type: **not specified**

TBA

Primary author: JENNI, Peter (CERN)

Contribution ID: **1**

Type: **not specified**

Welcome

Primary author: POROD, Werner (Uni. Würzburg)

Contribution ID: 2

Type: **not specified**

Welcome

Friday 15 October 2010 09:00 (10 minutes)

Primary author: POROD, Werner (Uni. Würzburg)

Presenter: POROD, Werner (Uni. Würzburg)

Session Classification: Beyond the Standard Model

Contribution ID: 3

Type: **not specified**

Neutrinos and dark matter as probes of new physics

Friday 15 October 2010 09:10 (35 minutes)

Primary author: LINDNER, Manfred (MPI f. Kernphysik, Heidelberg)

Presenter: LINDNER, Manfred (MPI f. Kernphysik, Heidelberg)

Session Classification: Beyond the Standard Model

Contribution ID: 5

Type: **not specified**

LHC and the Road Map for Discoveries at the Hadron Colliders

Saturday 16 October 2010 09:00 (35 minutes)

Primary author: JENNI, Peter (CERN)

Presenter: JENNI, Peter (CERN)

Session Classification: LHC

Contribution ID: 6

Type: **not specified**

First results from LHC

Saturday 16 October 2010 09:35 (35 minutes)

Primary author: HEBBEKER, Thomas (RWTH Aachen)

Presenter: HEBBEKER, Thomas (RWTH Aachen)

Session Classification: LHC

Contribution ID: 7

Type: **not specified**

TBA

Primary author: RATTAZZI, Riccardo (EPFL, Lausanne)

Presenter: RATTAZZI, Riccardo (EPFL, Lausanne)

Contribution ID: 8

Type: **not specified**

Neutrino Astrophysics

Friday 15 October 2010 16:00 (35 minutes)

Primary author: SPIERING, Christian (DESY, Zeuthen)

Presenter: SPIERING, Christian (DESY, Zeuthen)

Session Classification: Multi Messengers

Contribution ID: 9

Type: **not specified**

TBA

Primary author: HARDING, Alice (NASA, Greenbelt)

Presenter: HARDING, Alice (NASA, Greenbelt)

Contribution ID: **10**

Type: **not specified**

Neutrinos from Cosmic Accelerators

Friday 15 October 2010 17:10 (20 minutes)

Primary author: HÜMMER, Svenja (Uni. Würzburg)

Presenter: HÜMMER, Svenja (Uni. Würzburg)

Session Classification: Multi Messengers

Contribution ID: **11**

Type: **not specified**

The High Energy Universe

Friday 15 October 2010 19:00 (1 hour)

Primary author: LONGAIR, Malcom (Uni. Cambridge)

Presenter: LONGAIR, Malcom (Uni. Cambridge)

Session Classification: Public Lecture

Contribution ID: **12**

Type: **not specified**

Higgs Physics at the LHC

Saturday 16 October 2010 10:40 (35 minutes)

Primary author: ZEPPENFELD, Dieter (KIT, Karlsruhe)

Presenter: ZEPPENFELD, Dieter (KIT, Karlsruhe)

Session Classification: LHC

Contribution ID: **13**

Type: **not specified**

Cosmology from Galaxy Redshift Surveys

Saturday 16 October 2010 14:20 (35 minutes)

Primary author: PERCIVAL, Will (Portsmouth)

Presenter: PERCIVAL, Will (Portsmouth)

Session Classification: Cosmology

Contribution ID: 14

Type: **not specified**

Connecting cosmology to fundamental physics: some examples

Saturday 16 October 2010 14:55 (35 minutes)

Primary author: VERDE, Licia (ICREA, Barcelona)

Presenter: VERDE, Licia (ICREA, Barcelona)

Session Classification: Cosmology

Contribution ID: **15**

Type: **not specified**

Heavy Neutrino DM

Friday 15 October 2010 16:35 (35 minutes)

Primary author: BIERMANN, Peter (MPI f. Radioastronomie, Bonn)

Presenter: BIERMANN, Peter (MPI f. Radioastronomie, Bonn)

Session Classification: Multi Messengers

Contribution ID: 16

Type: **not specified**

Current status of the CMB anomalies

Saturday 16 October 2010 13:45 (35 minutes)

Primary author: RAKIC, Alexandar (Uni. Würzburg)

Presenter: RAKIC, Alexandar (Uni. Würzburg)

Session Classification: Cosmology

Contribution ID: 17

Type: **not specified**

Search for Dark Matter in the sky in the Fermi era

Friday 15 October 2010 14:00 (35 minutes)

Primary author: MORSELLI, Aldo (INFN Roma)

Presenter: MORSELLI, Aldo (INFN Roma)

Session Classification: Multi Messengers

Contribution ID: **18**

Type: **not specified**

Observing signatures of cosmic rays using high-energy gamma-ray telescopes

Friday 15 October 2010 14:35 (35 minutes)

Primary author: REIMER, Olaf (Uni. Innsbruck)

Presenter: REIMER, Olaf (Uni. Innsbruck)

Session Classification: Multi Messengers

Contribution ID: **19**

Type: **not specified**

Testing supersymmetric neutrino mass models at the LHC

Saturday 16 October 2010 11:15 (20 minutes)

Primary author: LIEBLER, Stefan (Uni. Würzburg)

Presenter: LIEBLER, Stefan (Uni. Würzburg)

Session Classification: LHC

Contribution ID: 20

Type: **not specified**

Microphysics of particle acceleration

Friday 15 October 2010 15:10 (20 minutes)

Primary author: KILIAN, Patrik (Uni. Würzburg)

Presenter: KILIAN, Patrik (Uni. Würzburg)

Session Classification: Multi Messengers

Contribution ID: **21**

Type: **not specified**

Anomalous Top Couplings in WHIZARD

Saturday 16 October 2010 11:35 (20 minutes)

Primary author: BACH, Fabian (Uni. Würzburg)

Presenter: BACH, Fabian (Uni. Würzburg)

Session Classification: LHC

Contribution ID: 22

Type: **not specified**

Dark Matter Annihilation in M87

Friday 15 October 2010 11:45 (20 minutes)

Primary author: SAXENA, Sheetal (Uni. Würzburg)

Presenter: SAXENA, Sheetal (Uni. Würzburg)

Session Classification: Beyond the Standard Model / Astro Particle Physics

Contribution ID: 23

Type: **not specified**

The MAGIC extragalactic sky

Friday 15 October 2010 11:25 (20 minutes)

Primary author: RÜGAMER, Stefan (Uni. Würzburg)

Presenter: RÜGAMER, Stefan (Uni. Würzburg)

Session Classification: Beyond the Standard Model / Astro Particle Physics

Contribution ID: 24

Type: **not specified**

LHC phenomenology of extradimensional models

Friday 15 October 2010 09:45 (35 minutes)

Primary author: Dr FLACKE, Thomas (Uni. Würzburg)

Presenter: Dr FLACKE, Thomas (Uni. Würzburg)

Session Classification: Beyond the Standard Model

Contribution ID: 25

Type: **not specified**

Supergravity at the LHC

Friday 15 October 2010 10:50 (35 minutes)

Primary author: Dr COVI, Laura (DESY)

Presenter: Dr COVI, Laura (DESY)

Session Classification: Beyond the Standard Model / Astro Particle Physics