

**CP3-Origins/DESY/Göttingen  
Autumn School on Particle  
Physics and Cosmology**

**Report of Contributions**

Contribution ID: 26

Type: **not specified**

# Higgs Physics

*Monday, 7 October 2013 10:10 (1 hour)*

**Primary author:** Prof. MUEHLEITNER, Margarete (ITP Karlsruhe)

**Presenter:** Prof. MUEHLEITNER, Margarete (ITP Karlsruhe)

**Session Classification:** Morning Lectures

Contribution ID: 27

Type: **not specified**

## Flavour Physics and BSM

*Monday, 7 October 2013 11:50 (1 hour)*

**Primary author:** Prof. HILLER, Gudrun (TU Dortmund)

**Presenter:** Prof. HILLER, Gudrun (TU Dortmund)

**Session Classification:** Morning Lectures

Contribution ID: **28**

Type: **not specified**

# Higgs Physics

*Monday, 7 October 2013 14:30 (1 hour)*

**Primary author:** Prof. MUEHLEITNER, Margarete (ITP Karlsruhe)

**Presenter:** Prof. MUEHLEITNER, Margarete (ITP Karlsruhe)

**Session Classification:** Afternoon lectures

Contribution ID: 29

Type: **not specified**

## **CMB and Planck Results**

*Monday, 7 October 2013 15:40 (1 hour)*

**Presenter:** JULIEN, Lesgourgues (CERN)

**Session Classification:** Afternoon lectures

Contribution ID: **30**

Type: **not specified**

## **CMB and Planck Results**

*Tuesday, 8 October 2013 09:00 (1 hour)*

**Session Classification:** Morning Lectures

Contribution ID: **31**

Type: **not specified**

# Higgs Physics

*Tuesday, 8 October 2013 10:10 (1 hour)*

**Presenter:** Prof. MUEHLEITNER, Margarete (ITP Karlsruhe)

**Session Classification:** Morning Lectures

Contribution ID: **32**

Type: **not specified**

## **Flavour Physics and BSM**

*Tuesday, 8 October 2013 11:50 (1 hour)*

**Primary author:** Prof. HILLER, Gudrun (TU Dortmund)

**Presenter:** Prof. HILLER, Gudrun (TU Dortmund)

**Session Classification:** Morning Lectures



Contribution ID: 33

Type: **not specified**

## **CMB and Planck Results**

*Tuesday, 8 October 2013 14:30 (1 hour)*

**Session Classification:** Afternoon lectures

Contribution ID: **34**

Type: **not specified**

## **QCD and the LHC**

*Tuesday, 8 October 2013 15:40 (1 hour)*

**Primary author:** POZZORINI, Stefano (Zurich University)

**Presenter:** POZZORINI, Stefano (Zurich University)

**Session Classification:** Afternoon lectures

Contribution ID: 35

Type: **not specified**

# Elektroweak Baryogenesis and Phase Transitions

*Wednesday, 9 October 2013 09:00 (1 hour)***Primary author:** KONSTANDIN, Thomas (DESY)**Presenter:** KONSTANDIN, Thomas (DESY)**Session Classification:** Morning Lectures

Contribution ID: **36**

Type: **not specified**

## **QCD and the LHC**

*Wednesday, 9 October 2013 10:10 (1 hour)*

**Primary author:** POZZORINI, Stefano (Zurich University)

**Presenter:** POZZORINI, Stefano (Zurich University)

**Session Classification:** Morning Lectures

Contribution ID: 37

Type: **not specified**

## Recent results from the LHC

*Wednesday, 9 October 2013 11:50 (1 hour)*

**Primary author:** SANDER, Christian (University of Hamburg)

**Presenter:** SANDER, Christian (University of Hamburg)

**Session Classification:** Morning Lectures

Contribution ID: **38**

Type: **not specified**

## **Lattice Field Theory**

*Thursday, 10 October 2013 09:00 (1 hour)*

**Session Classification:** Morning Lectures

Contribution ID: 39

Type: **not specified**

## Recent Results from the LHC

*Thursday, 10 October 2013 10:10 (1 hour)*

**Primary author:** SANDER, Christian (University of Hamburg)

**Presenter:** SANDER, Christian (University of Hamburg)

**Session Classification:** Morning Lectures

Contribution ID: 40

Type: **not specified**

# Elektroweak Baryogenesis and Phase Transitions

*Thursday, 10 October 2013 11:50 (1 hour)***Primary author:** KONSTANDIN, Thomas (DESY)**Presenter:** KONSTANDIN, Thomas (DESY)**Session Classification:** Morning Lectures



Contribution ID: 41

Type: **not specified**

## Dark Matter

*Thursday, 10 October 2013 14:30 (1 hour)*

**Primary author:** Dr CATENA, Riccardo (Institut fuer Theoretische Physik Goettingen)

**Presenter:** Dr CATENA, Riccardo (Institut fuer Theoretische Physik Goettingen)

**Session Classification:** Afternoon lectures

Contribution ID: 42

Type: **not specified**

## Lattice Field Theory

*Thursday, 10 October 2013 15:40 (1 hour)*

**Session Classification:** Afternoon lectures

Contribution ID: 43

Type: **not specified**

# Elektroweak Baryogenesis and Phase Transitions

*Friday, 11 October 2013 09:00 (1 hour)***Primary author:** KONSTANDIN, Thomas (DESY)**Presenter:** KONSTANDIN, Thomas (DESY)**Session Classification:** Morning Lectures

Contribution ID: 44

Type: **not specified**

## Lattice Field Theory

*Friday, 11 October 2013 10:10 (1 hour)*

**Session Classification:** Morning Lectures

Contribution ID: 45

Type: **not specified**

## Dark Matter

*Friday, 11 October 2013 11:50 (1 hour)*

**Primary author:** Dr CATENA, Riccardo (Institut fuer Theoretische Physik Goettingen)

**Presenter:** Dr CATENA, Riccardo (Institut fuer Theoretische Physik Goettingen)

**Session Classification:** Morning Lectures

Contribution ID: 46

Type: **not specified**

## **Higgs couplings and implications for extended Higgs sectors**

*Monday, 7 October 2013 17:40 (20 minutes)*

**Session Classification:** Student's Session

Contribution ID: 47

Type: **not specified**

## Gauss-Bonnet boson stars

Contribution ID: 48

Type: **not specified**

## **Standard Model Vacuum Stability and Weyl Consistency Conditions**

*Monday, 7 October 2013 17:20 (20 minutes)*

**Session Classification:** Student's Session



Contribution ID: 49

Type: **not specified**

## **Constraining Dark Matter Scenarios with Gamma-ray Boxes**

*Thursday, 10 October 2013 17:20 (20 minutes)*

**Session Classification:** Student's Session

Contribution ID: 50

Type: **not specified**

## Long Lived Heavy stop at the LHC

*Thursday, 10 October 2013 17:45 (20 minutes)*

**Presenter:** Mr DRADI, Federico (Goettingen University)

**Session Classification:** Student's Session

Contribution ID: 51

Type: **not specified**

## **Dark Matter from Unification**

*Thursday, 10 October 2013 18:10 (20 minutes)*

**Session Classification:** Student's Session

Contribution ID: 52

Type: **not specified**

## **Improved predictions of Higgs Interference Effects in the MSSM**

*Thursday, 10 October 2013 18:35 (20 minutes)*

**Presenter:** FUCHS, Elina (DESY)

**Session Classification:** Student's Session