

**Graduate School 1504 "Mass,  
Spectra, Symmetry": Autumn  
Block Course in Berlin**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Anreise von Dresden**

*Tuesday, 9 October 2012 07:00 (2h 30m)*

Contribution ID: 1

Type: **not specified**

# Neutrino Physics I

*Tuesday, 9 October 2012 10:00 (1h 15m)*

**Presenter:** Prof. WEINHEIMER, Christian (Westfälische Wilhelms-Universität Münster, Institut für Kernphysik)

Contribution ID: 2

Type: **not specified**

## Neutrino Physics II

*Tuesday, 9 October 2012 11:30 (1h 30m)*

**Presenter:** Prof. WEINHEIMER, Christian (Westfälische Wilhelms-Universität Münster, Institut für Kernphysik)

Contribution ID: 3

Type: **not specified**

## Neutrino Physics III

*Tuesday, 9 October 2012 14:00 (1h 30m)*

**Presenter:** Prof. WEINHEIMER, Christian (Westfälische Wilhelms-Universität Münster, Institut für Kernphysik)

Contribution ID: 4

Type: **not specified**

## Neutrino Physics IV

*Tuesday, 9 October 2012 16:00 (1h 30m)*

**Presenter:** Prof. WEINHEIMER, Christian (Westfälische Wilhelms-Universität Münster, Institut für Kernphysik)

Contribution ID: 5

Type: **not specified**

# Physics beyond the Standard Model I

*Thursday, 11 October 2012 14:00 (1h 30m)*

**Presenter:** Prof. NIERSTE, Ulrich (Karlsruhe Institute of Technology)

Contribution ID: 6

Type: **not specified**

## Physics beyond the Standard Model II

*Thursday, 11 October 2012 16:00 (1h 30m)*

**Presenter:** Prof. NIERSTE, Ulrich (Karlsruhe Institute of Technology)



Contribution ID: 7

Type: **not specified**

## Physics beyond the Standard Model III

*Friday, 12 October 2012 09:00 (1h 30m)*

**Presenter:** Prof. NIERSTE, Ulrich (Karlsruhe Institute of Technology)

Contribution ID: 8

Type: **not specified**

## Physics beyond the Standard Model IV

*Friday, 12 October 2012 11:00 (1h 30m)*

**Presenter:** Prof. NIERSTE, Ulrich (Karlsruhe Institute of Technology)

Contribution ID: 9

Type: **not specified**

## Student Seminar

Contribution ID: **10**

Type: **not specified**

## **Student Seminar**

Contribution ID: **11**

Type: **not specified**

## **Meetings with supervisors**

*Wednesday, 10 October 2012 14:30 (3 hours)*

Contribution ID: 12

Type: **not specified**

## Properties of the 126 GeV new Boson

*Thursday, 11 October 2012 09:00 (1h 30m)*

**Presenter:** ZUR NEDDEN, Martin (Humboldt-Universitaet zu Berlin)

Contribution ID: 13

Type: **not specified**

## **Couplings of the 126 GeV new Boson**

*Thursday, 11 October 2012 11:00 (1h 30m)*

**Presenter:** ZUR NEDDEN, Martin (Humboldt-Universitaet zu Berlin)

Contribution ID: 14

Type: **not specified**

## Same sign WW scattering at LHC

*Wednesday, 10 October 2012 11:30 (30 minutes)*

**Presenter:** Mr GUMPERT, Christian (TU Dresden)

**Session Classification:** Student Talks



Contribution ID: 15

Type: **not specified**

## **WW scattering at LHC**

*Wednesday, 10 October 2012 12:00 (30 minutes)*

**Presenter:** SOCHER, Felix (Tu Dresden)

**Session Classification:** Student Talks

Contribution ID: 16

Type: **not specified**

## **Matrix element method for single top searches**

*Wednesday, 10 October 2012 11:00 (30 minutes)*

**Presenter:** RIECK, Patrick (Humboldt-University of Berlin)

**Session Classification:** Student Talks

Contribution ID: 17

Type: **not specified**

## **Leading-order hadronic contribution to the muon's $g-2$ from $N_f = 2+1+1$ twisted mass fermions**

*Wednesday, 10 October 2012 09:30 (30 minutes)*

**Presenter:** HOTZEL, Grit (Humboldt-University of Berlin)

**Session Classification:** Student Talks

Contribution ID: **18**

Type: **not specified**

## **Scalar and Pseudoscalar Bosons in top-pair production**

*Wednesday, 10 October 2012 10:00 (30 minutes)*

**Presenter:** GALLER, Peter (Humboldt-University of Berlin)

**Session Classification:** Student Talks

Contribution ID: 19

Type: **not specified**

## Search for Dark Matter with the ICE Cube

*Wednesday, 10 October 2012 09:00 (30 minutes)*

**Presenter:** DE WITH, Meike (DESY in Zeuthen)

**Session Classification:** Student Talks