

Wednesday, October 17

13.00 - 13.15 **Welcome and Introduction (K. Jakobs, C. Skorek)**

13.15 -13.45 Bertone, Valerio
NNPDF 2.3: Parton Densities with LHC Data

13.45 -14.15 Schmidt, Katharina
Exclusive ρ^0 muoproduction on transversely polarized protons and deuterons

14.15 - 16.00 **LECTURE Eckhard Elsen (DESY)**

Particle Accelerators I

including a 15-minute break for questions

16.00 - 16.30 **Coffee break**

16.30- 18.15 **LECTURE Andreas Schopper (CERN)**

Flavour Physics

including a 15-minute break for questions

18.30 - 20.30 **Dinner**

20.30 - Parallel meetings of the colleagues and of the Faculty members

Thursday, October 18

08.00 - 09.00 **Breakfast**

09.00 - 10.45 **LECTURE Eckhard Elsen (DESY)**

Particle Accelerators II

including a 15-minute break for questions

10.45 - 11.15 **Coffee break**

11.15 - 11.45 Evelyn Schmidt
Search for the Higgs Boson in the $H \rightarrow WW() \rightarrow l + \nu l \bar{\nu}$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV and $\sqrt{s}=8$ TeV with the ATLAS Detector*

11.45 - 12.15 Manuela Venturi
Multivariate analysis in the $H \rightarrow WW \rightarrow l \nu l \nu$ channel

12.15 - 12.45 Sascha Thoma
Search for neutral MSSM Higgs bosons in the $\tau_{lep} \tau_{had}$ decay mode

12.45 - 14.00 Lunch break

14.00 - 16.30 Excursion to Schloss Staufenberg

16.30 - 17.00 Coffee break

17.00 - 19.00 Poster Session
see Appendix

19.00 - 20.30 Dinner

Friday, October 19

08.00 - 09.00 Breakfast

09.00 - 10.00 LECTURE Alberto Guffanti (Copenhagen)
Parton Distribution Functions and the impact of LHC data

10.00 - 10.30 Michael Rammensee
Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector

10.30 - 11.00 Coffee break

11.00 - 11.30 Mirjam Fehling-Kaschek
SUSY Searches at ATLAS: Direct Sbottom Pair Production

11.30 - 12.00 Valerio Consorti
SUSY searches at ATLAS in final states with jets and missing transverse momentum at 8 TeV

12.00 - 12.30 Kim Temming
Studies of Micromegas Chambers using UV Laser-Photoelectrons

12.30 - 14.00 Lunch break

Departure

Appendix Poster Session

1 Simone Amoroso

A general search for new phenomena with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV

2 Christopher Betancourt

A Charge Collection Study with Dedicated RD50 Charge Multiplication Sensors

3 Phuong Nguyen Dang

W +jets background estimation in di-muon channel using matrix method

4 Claudia Giuliani

Search for direct stop production in one lepton plus b -jets final states

5 Markus Hecht

Calculation of EW corrections to W +Gamma production at the LHC

6 Alexander Huss

NNLO mixed QCD-EW corrections to the Drell-Yan process

7 Anna Kopp

Search for charged Higgs bosons with the ATLAS detector

8 Luisa Oggero

NLO corrections to top quark decay including W off-shell effects

9 Tobias Rave

SUSY searches with two same-sign leptons

10 Nils Ruthmann

Search for a Standard Model Higgs Boson in the $H \rightarrow \tau_{lep} + \tau_{had}$ channel with the ATLAS Detektor

11 Holger von Radziewski

Search for $h/A/H \rightarrow \tau\tau \rightarrow e \mu + 4 \nu$ in the MSSM with ATLAS

12 Christian Schillo

Search for Standard-Model Higgs-Boson in the decay channel $H \rightarrow \tau\tau \rightarrow ll \nu\nu\nu$ at the Atlas Experiment

13 Johannes ter Wolbeek

Measuring azimuthal asymmetries to constrain generalized parton distributions

14 Vakthang Tsiskaridze

Optimizing direct stop pair production searches for compressed scenarios

15 Francesca Ungaro

Direct stop searches in two leptons and b-jet final states