

573. WE-Heraeus-Seminar: Physics Landscape after the Higgs Discovery at the LHC

Tuesday 04 November 2014 - Friday 07 November 2014

**Physikzentrum Bad Honnef
Programme**

Table of contents

Wednesday 05 November 2014	3
Welcome	3
Status of LHC Higgs measurements (ATLAS)	3
Status of LHC Higgs measurements (CMS)	3
Status of SM measurements (not top) (ATLAS/CMS)	3
Probing new physics with LHCb	3
Interpretation of low-energy experiments: flavor	3
Interpretation of the Higgs discovery in the MSSM	3
Status of top measurements (ATLAS/CMS)	3
Thursday 06 November 2014	4
Status of BSM searches (non-SUSY: ATLAS, CMS)	4
Status of BSM searches (SUSY: ATLAS, CMS)	4
Status of astrophysical measurements/experiments	4
Astrophysical measurements: theory interpretation	4
Interpretation of the Higgs discovery in the SM / EWPO	4
Interpretation of low-energy experiments: electroweak	4
Poster Session	4
Friday 07 November 2014	5
LHC upgrade options	5
Status of the ILC project	5
Physics at future colliders	5
Outlook	5

Wednesday 05 November 2014

Welcome (08:45-09:00)

Status of LHC Higgs measurements (ATLAS) (09:00-10:00)

- Presenters: KADO, Marumi

Status of LHC Higgs measurements (CMS) (10:00-11:00)

- Presenters: DE ROECK, Albert

Status of SM measurements (not top) (ATLAS/CMS) (11:30-12:30)

- Presenters: TENCHINI, Roberto

Probing new physics with LHCb (14:00-15:00)

- Presenters: SCHOPPER, Andreas

Interpretation of low-energy experiments: flavor (15:00-16:00)

- Presenters: ISIDORI, Gino

Interpretation of the Higgs discovery in the MSSM (16:30-17:30)

- Presenters: WEIGLEIN, Georg

Status of top measurements (ATLAS/CMS) (17:30-18:30)

- Presenters: CRISTINZIANI, Markus

Thursday 06 November 2014

Status of BSM searches (non-SUSY: ATLAS, CMS) (09:00-10:00)

- Presenters: GOLLING, Tobias

Status of BSM searches (SUSY: ATLAS, CMS) (10:00-11:00)

- Presenters: SANDER, Christian

Status of astrophysical measurements/experiments (11:30-12:30)

- Presenters: MARRODAN, Teresa

Astrophysical measurements: theory interpretation (14:00-15:00)

- Presenters: BELANGER, Genevieve

Interpretation of the Higgs discovery in the SM / EWPO (15:00-16:00)

- Presenters: KOGLER, Roman

Interpretation of low-energy experiments: electroweak (16:30-17:30)

- Presenters: STOECKINGER, Dominik

Poster Session (17:30-18:30)

Friday 07 November 2014

LHC upgrade options (08:30-09:30)

- Presenters: CONTARDO, Didier

Status of the ILC project (09:30-10:30)

- Presenters: Dr. WALKER, Nicholas

Physics at future colliders (11:00-12:00)

- Presenters: HEWETT, JoAnne

Outlook (12:00-13:00)

- Presenters: ELLIS, John