

# **Scalar Search and Study in Belgium (S3Be) - Open Session**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Loop-induced bounds on Higgs effective operators

*Thursday, 23 January 2014 13:30 (20 minutes)*

**Presenter:** ZHANG, Cen (UCL)

**Session Classification:** High mass scalar/BSM scalar session

Contribution ID: 1

Type: **not specified**

# Heavy H in CMS

*Thursday, 23 January 2014 13:50 (30 minutes)*

**Presenter:** QUERTENMONT, Loïc (UCL)

**Session Classification:** High mass scalar/BSM scalar session

Contribution ID: 2

Type: **not specified**

## **Extra scalar - Direct search vs precision**

*Thursday, 23 January 2014 14:20 (30 minutes)*

**Presenter:** MOLLET, Simon (ULB)

**Session Classification:** High mass scalar/BSM scalar session

Contribution ID: 3

Type: **not specified**

## **H to invisible; Higgs width from off-shell H decays**

*Thursday, 23 January 2014 14:50 (30 minutes)*

**Presenter:** WANG, Jian (ULB)

**Session Classification:** High mass scalar/BSM scalar session

Contribution ID: 4

Type: **not specified**

## **Latest LHC results on H boson measurement and projections**

*Thursday, 23 January 2014 10:00 (35 minutes)*

**Presenter:** JANSSEN, Xavier (UA)

**Session Classification:** SM (125 GeV) H boson session

Contribution ID: 5

Type: **not specified**

## **Spin/parity characterisation of a H boson**

*Thursday, 23 January 2014 10:35 (25 minutes)*

**Presenter:** MAWATARI, Kentarou (VUB)

**Session Classification:** SM (125 GeV) H boson session

Contribution ID: 6

Type: **not specified**

## **A Novel approach on H coupling measurement**

*Thursday, 23 January 2014 11:00 (25 minutes)*

**Presenter:** LOPEZ-VAL, David (UCL)

**Session Classification:** SM (125 GeV) H boson session



Contribution ID: 7

Type: **not specified**

## HH production at NLO

*Thursday, 23 January 2014 11:25 (25 minutes)*

**Presenter:** VRYONIDOU, Eleni (UCL)

**Session Classification:** SM (125 GeV) H boson session

Contribution ID: 8

Type: **not specified**

## **MEM to improve future search for HH**

*Thursday, 23 January 2014 11:50 (25 minutes)*

**Presenter:** VIDAL MARONO, Miguel

**Session Classification:** SM (125 GeV) H boson session

Contribution ID: 9

Type: **not specified**

## VBF Hbb from Antwerpen

**Presenter:** ALDERWEIRELDT, Sara (UA)

Contribution ID: **10**

Type: **not specified**

## **ZH to llbb from UCL**

**Presenter:** CAUDRON, Adrien (UCL)

Contribution ID: 11

Type: **not specified**

## Scalar DM and IDM

*Thursday, 23 January 2014 15:20 (40 minutes)*

**Presenter:** LOPEZ-HONOREZ, Laura (VUB)

**Session Classification:** BSM H sector - DM - cosmo

Contribution ID: 12

Type: **not specified**

## **High mass BSM searches in ZZ / tools and projections**

**Presenter:** QUERTENMONT, Loïc (UCL)

Contribution ID: 13

Type: **not specified**

## **H to WW tools and projections**

**Presenter:** JANSSEN, Xavier (UA)

Contribution ID: 14

Type: **not specified**

## **H width - off peak high mass contribution, prel. Results, ZZ+WW /tools**

**Presenter:** WANG, Jian (ULB)



Contribution ID: 15

Type: **not specified**

## Latest Htautau results

**Presenter:** ABDOLLAH, Mohammadi (ULB)

Contribution ID: **16**

Type: **not specified**

## **Tau Id in CMS and new developments**

**Presenter:** JEZ, Pavel (UCL)

Contribution ID: 17

Type: **not specified**

## **Tau efficiency measurement**

**Presenter:** CAILLOL, Cécile (ULB)

Contribution ID: **18**

Type: **not specified**

## **Prospect H to ZA to (lltautau or llbb)**

**Presenter:** DU PREE, Tristan (UCL)

Contribution ID: 19

Type: **not specified**

## **Trigger challenges for 2015 data taking**

**Presenter:** VANLAER, Pascal (pvanlaer@ulb.ac.be)

Contribution ID: **20**

Type: **not specified**

## Discussion

Contribution ID: 21

Type: **not specified**

## Associate tH production

**Presenter:** POPOV, Andrey (UCL)

Contribution ID: 22

Type: **not specified**

## **Prospect ttH analysis - H to invisible and H to bb**

**Presenter:** KOMM, Matthias (UCL)