

# Milan Christmas meeting 2015



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Higgs mass prediction in heavy SUSY

*Tuesday, 22 December 2015 15:00 (30 minutes)*

**Presenter:** BAGNASCHI, Emanuele Angelo (DESY Hamburg)

**Session Classification:** talks

Contribution ID: 1

Type: **not specified**

## Constraining the Higgs width at the LHC

*Monday, 21 December 2015 15:00 (1 hour)*

**Presenter:** CAOLA, Fabrizio (CERN)

**Session Classification:** talks

Contribution ID: 2

Type: **not specified**

## **Characterization of the interaction between the Higgs boson and the top quark**

*Tuesday, 22 December 2015 16:00 (30 minutes)*

**Presenter:** DEMARTIN, Federico (UCLouvain)

**Session Classification:** talks

Contribution ID: 3

Type: **not specified**

## **Relic density of wino-like dark matter in the MSSM**

*Tuesday, 22 December 2015 14:30 (30 minutes)*

**Presenter:** DIGHERA, Francesco

**Session Classification:** talks

Contribution ID: 4

Type: **not specified**

## Effective field theory for the Higgs boson phenomenology

*Tuesday, 22 December 2015 15:30 (30 minutes)*

**Presenter:** Dr GHEZZI, Margherita (Paul Scherrer Institut)

**Session Classification:** talks

Contribution ID: 5

Type: **not specified**

## Jet physics at the LHC

*Tuesday, 22 December 2015 12:00 (1 hour)*

**Presenter:** Dr MARZANI, Simone (SUNY Buffalo)

**Session Classification:** talks

Contribution ID: 6

Type: **not specified**

## **b-mass effects in $bb \rightarrow h$**

*Monday, 21 December 2015 12:30 (30 minutes)*

**Presenter:** Mr NAPOLETANO, Davide (IPPP, Durham University)

**Session Classification:** talks

Contribution ID: 7

Type: **not specified**

## **Handling resonances in NLO calculations and parton showers.**

*Monday, 21 December 2015 10:30 (1 hour)*

**Presenter:** NASON, Paolo

**Session Classification:** talks

Contribution ID: 8

Type: **not specified**

## **Automated NLO QCD and EW corrections with MadGraph5\_aMC@NLO**

*Monday, 21 December 2015 14:30 (30 minutes)*

**Presenter:** PAGANI, Davide (Universite Catholique de Louvain (UCL) (BE))

**Session Classification:** talks

Contribution ID: 9

Type: **not specified**

## **Integrand reduction methods for loop calculations**

*Tuesday, 22 December 2015 10:00 (30 minutes)*

**Presenter:** PERARO, Tiziano (Max Planck Institute for Physics - Munich)

**Session Classification:** talks

Contribution ID: **10**

Type: **not specified**

## **The atmospheric prompt neutrino flux revisited**

*Monday, 21 December 2015 16:30 (30 minutes)*

**Presenter:** ROTTOLI, Luca

**Session Classification:** talks

Contribution ID: 11

Type: **not specified**

## **Bottom-initiated processes at the LHC**

*Monday, 21 December 2015 17:00 (30 minutes)*

**Presenter:** UBIALI, Maria (University of Cambridge)

**Session Classification:** talks

Contribution ID: 12

Type: **not specified**

## Fully differential VBF Higgs production at NNLO

*Tuesday, 22 December 2015 10:30 (30 minutes)*

**Presenter:** ZANDERIGHI, Giulia (CERN)

**Session Classification:** talks

Contribution ID: 13

Type: **not specified**

## Accurate predictions for charged Higgs production

*Monday, 21 December 2015 12:00 (30 minutes)*

**Presenter:** ZARO, Marco (LPTHE Jussieu, Paris)

**Session Classification:** talks

Contribution ID: 14

Type: **not specified**

## **Single Top at order $\alpha_s^2$ : insight into an analytic NNLO computation**

*Tuesday, 22 December 2015 11:00 (30 minutes)*

**Presenter:** Mrs MARIANI, Elisa

**Session Classification:** talks