

**CFTC - LIP - Manchester  
Initiative: Experiment meets  
theory**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome

*Friday, 14 December 2018 09:00 (5 minutes)*

**Presenter:** SANTOS, Rui (CFTC)

Contribution ID: 2

Type: **not specified**

## What are we doing with the High-Luminosity LHC

*Friday, 14 December 2018 09:05 (30 minutes)*

**Presenter:** ONOFRE, Antonio (LIP/Universidade do Minho)

Contribution ID: 3

Type: **not specified**

## Discussion

*Friday, 14 December 2018 09:35 (10 minutes)*

**Presenter:** ALL

Contribution ID: 4

Type: **not specified**

## The Higgs and The 7 Tops

*Friday, 14 December 2018 09:45 (30 minutes)*

**Presenter:** PETERS, Yvonne (University of Manchester)

Contribution ID: 5

Type: **not specified**

## Discussion

*Friday, 14 December 2018 10:15 (10 minutes)*

**Presenter:** ALL

Contribution ID: 6

Type: **not specified**

## **Alternative search for ttH production with $H \rightarrow bb$ at the HL-LHC**

*Friday, 14 December 2018 10:45 (30 minutes)*

**Presenter:** RICARDO GONÇALO (LIP/FCUL)

Contribution ID: 7

Type: **not specified**

## Discussion

*Friday, 14 December 2018 11:15 (10 minutes)*

**Presenter:** ALL



Contribution ID: 8

Type: **not specified**

## **Observation of H->bb decays in VH associated production and beyond**

*Friday, 14 December 2018 14:45 (30 minutes)*

**Presenter:** PATRICIA CONDE MUIÑO (IST/LIP)

Contribution ID: 9

Type: **not specified**

## What can I say about the high-luminosity LHC?

*Friday, 14 December 2018 11:25 (30 minutes)*

**Presenter:** PEDRO FERREIRA (CTFC-UL & ISEL)

Contribution ID: **10**

Type: **not specified**

## Discussion

*Friday, 14 December 2018 13:55 (10 minutes)*

**Presenter:** ALL

Contribution ID: **11**

Type: **not specified**

## **Search for 4 top quarks production at the LHC**

*Friday, 14 December 2018 13:25 (30 minutes)*

**Presenter:** YANG QIN (University of Manchester)

Contribution ID: 12

Type: **not specified**

## Discussion

*Friday, 14 December 2018 14:35 (10 minutes)*

**Presenter:** ALL

Contribution ID: 13

Type: **not specified**

# High Order Corrections and Resummation at the LHC for top and Higgs

*Friday, 14 December 2018 14:05 (30 minutes)*

**Presenter:** ANDREA FERROGLIA (New York City College of Technology)

Contribution ID: 14

Type: **not specified**

## **Does CP-violation need the HL-LHC?**

*Friday, 14 December 2018 15:35 (20 minutes)*

**Presenter:** RUI SANTOS (CTFC-UL & ISEL)

Contribution ID: 15

Type: **not specified**

## Discussion

*Friday, 14 December 2018 15:55 (30 minutes)*

**Presenter:** ALL