

## **Session Program**

**19 February 2020**

# **10th LHC students poster session**

## ***Higgs studies***

CERN, 61/1-201 - Pas perdus - Not a meeting room -

# Wednesday 19 February

17:05

## Higgs studies

**Session** | **Location:** CERN, 61/1-201 - Pas perdue - Not a meeting room -

17:05-17:06

**Measurements of the inclusive and differential Higgs production cross sections in the  $H \rightarrow ZZ^* \rightarrow 4l$  decay channel at  $\sqrt{s} = 13$  TeV with the ATLAS detector**

**Speaker**

Bianca Monica Ciungu

17:06-17:07

**Combined measurement of the Higgs-boson self coupling using single- and di-Higgs production and decay channels with the ATLAS detector**

**Speaker**

Eleonora Rossi

17:07-17:08

**Prospects for combined Higgs measurements at the HL-LHC with the ATLAS detector**

**Speaker**

Dongshuo Du

17:08-17:09

**Measurement of Higgs boson couplings in the ditau final state at CMS**

**Speaker**

Doyeong Kim

17:09-17:10

**Differential measurements of the Higgs boson production cross section in the leptonic  $WW$  decay mode with CMS detector**

**Speaker**

Sarah Marika Freed

17:10-17:11

**Search for a heavy scalar decaying to  $W$  boson pair with CMS experiment with  $\sqrt{s} = 13$  TeV proton-proton data**

**Speaker**

Sebastian Siebert

17:11-17:12

**Higgs cross section measurements in the four lepton final state at CMS**

**Speaker**

Tahir Javaid

17:12-17:13

**Measurement of Higgs boson pair production self coupling with the full run2 datasets with CMS detector**

**Speaker**

Angela Taliencio

19:00