

**Session Program**

**Nov 13 - 15, 2023**

**The 20th Workshop of the LHC Higgs  
Working Group**

***WG1 Higgs XS&BR parallel***

# Wed, November 15

9:00 AM

## WG1 Higgs XS&BR parallel: Morning 1

Session | Location: CERN, 4/3-006 - TH Conference Room

9:00 - 9:17 AM

### Signal-Background interference effects in diphoton production beyond NLO QCD (17'+5')

#### Speaker

Federico Buccioni

9:22 - 9:37 AM

### Non-factorizable corrections to Higgs production in Vector Boson Fusion (15'+5')

#### Speaker

Dr Ming-Ming Long

9:42 - 9:59 AM

### Improving NLO QCD event generators with high-energy EW corrections: ttH production (17'+5')

#### Speaker

Timea Vitos

10:04 - 10:21 AM

### Light quark Yukawa couplings from off-shell Higgs production (17'+5') [remote]

#### Speaker

Ramona Groeber

10:30 AM

11:00 AM

## WG1 Higgs XS&BR parallel: Morning 2

Session | Location: CERN, 4/3-006 - TH Conference Room

11:00 - 11:15 AM

### CMS Hbb boosted produced via VBF or gluon-fusion (15') [remote]

#### Speaker

Jennet Elizabeth Dickinson

11:15 - 11:30 AM

### ATLAS boosted Higgs results (15') [remote]

#### Speaker

Zhi Zheng

11:30 - 11:45 AM

### Discussion: CMS & ATLAS boosted Higgs results (15')

11:45 AM - 12:00 PM

### ATLAS off-shell results (15')

#### Speaker

Michiel Jan Veen

12:00 - 12:15 PM

### CMS off-shell results (15') [remote]

#### Speaker

Savvas Kyriacou

12:30 PM

12:15 - 12:30 PM

**Discussion: ATLAS & CMS offshell results**