

Session Program

3-5 Dec 2025

**The 22nd Workshop of the LHC Higgs
Working Group**

WG1 parallel session

CERN, 503/1-001 - Council Chamber

Thursday 4 December

09:00

WG1 parallel session

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Alexander Karlberg

09:00–09:18

All-hadronic VH measurements from ATLAS and CMS (15'+3') [remote]

Speaker

Zhi Zheng

09:18–09:36

Charge asymmetry measurement in $WH(\rightarrow\tau\tau)$ at CMS (15'+3')

Speaker

Nicolò Trevisani

09:36–09:54

Measurement of $t\bar{t}H(\rightarrow\text{multilepton})$ production at ATLAS (15'+3')

Speaker

Nihal Brahimi

09:54–10:12

$t\bar{t}H$ cross-section at NNLO+NNLL (15'+3') [remote]

Speaker

Anna Kulesza

10:30

11:00

WG1 parallel session

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Silvia Ferrario Ravasio

11:00–11:18

Scattering amplitudes for 3-loop Higgs+Jet production (15'+3')

Speaker

Xiang Chen

11:18–11:36

Interference effects in gluon-fusion Higgs boson production (15'+3') [remote]

Speaker

Federica Devoto

11:36–11:54

Higgs off-shell measurements at CMS using Run 2 data (15'+3')

Speaker

Pedro Fernandez Manteca

11:54–12:12

Gluon fusion background for VBF (15'+3') [remote]

Speaker

Christian Preuss

12:12–12:30

Including QED effects in global PDF's (15'+3') [remote]

Speaker

Timothy J Hobbs

12:30