

Session Program

13-15 Jan 2016

**The 11th Workshop of the LHC Higgs Cross
Section Working Group**

WG1

CERN, 500/1-001 - Main Auditorium

Wednesday 13 January

16:00

WG1: WG1

Session | **Location:** CERN, 500/1-001 - Main Auditorium

16:00–16:40 **PDF**

Speaker

Robert Samuel Thorne

16:40–17:10 **ggF: Inclusive cross section**

Speaker

Achillefs Lazopoulos

17:10–17:40 **ggF: Differential distributions**

Speaker

Andrea Massironi

17:40–18:00

Update of the Les Houches Higgs+jets study using NLO multi-leg approaches and fixed order

Speaker

Marek Schoenherr

19:00

Thursday 14 January

09:00

WG1

Session | **Location:** CERN, 500/1-001 - Main Auditorium

09:00–09:50 **VBF+VH**

Speaker

Luca Perrozzi

Location

CERN, 500/1-001 - Main Auditorium

09:50–10:40 **ttH+th**

Speaker

Stefano Augusto Pozzorini

Location

CERN, 500/1-001 - Main Auditorium

10:40–11:10 **Coffee Break**

11:10–12:00 **Off-shell and interference**

Speakers

Livia Soffi, Nikolas Kauer

Location

CERN, 500/1-001 - Main Auditorium

Subcontributions

YR4 off-shell and interference status and recommendations

Speaker

Nikolas Kauer

Interference effects in the H --> gamma gamma channel

Speaker

Livia Soffi

12:00–12:20

Status of one-loop at NLO (e.g. gg -> VV) and prospects for interfacing these calculations to match to showers

Speaker

Raoul Rontsch

Location

CERN, 500/1-001 - Main Auditorium

12:20–13:00 **BR**

Speaker

Sven Heinemeyer

13:00	Location CERN, 500/1-001 - Main Auditorium
14:30	WG1: WG1 Session Location: CERN, 500/1-001 - Main Auditorium
	14:30-15:10 Fiducial XS Speaker Sabine Kraml
16:00	15:10-16:00 Close up

Friday 15 January

11:20

WG1: WG1

Session | **Location:** CERN, 500/1-001 - Main Auditorium

11:20–11:50 **HH production: Status of YR4**

Speaker

Christoph Peter Englert

11:50–12:00 **Status of HH NLO Calculation with top mass effects**

Speaker

Stephen Jones

12:00