

Session Program

30 October 2017 to 1 November 2017

**Workshop on the physics of HL-LHC, and
perspectives at HE-LHC**

Joint session

CERN, 500/1-001 - Main Auditorium

Tuesday 31 October

11:00

Joint session: Higgs and SM

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

11:00–11:15 **HH production**

Speaker

Gudrun Heinrich

11:20–11:35 **Higgs production**

Speaker

Keith Hamilton

11:40–12:00 **VV production**

Speaker

Marius Wiesemann

12:10–12:30 **EW physics, di- and multi-boson, VBF/VBS**

Speaker

Claire Lee

12:40–13:00 **Higher Order EW Corrections**

Speaker

Marek Schoenherr

13:00

14:00

Joint session: Higgs, flavour and BSM

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Xabier Cid Vidal, Jure Zupan

14:00–14:20 **Higgs, light Yukawas, and FC couplings**

Speaker

Fady Bishara

14:30–14:50 **Light Yukawa Couplings: experimental searches**

Speaker

Oscar Augusto De Aguiar Francisco

15:00–15:15 **Physics potential for the e-p collider: Higgs, BSM and flavour**

Speaker

Uta Klein

15:20–15:40 **Flavour anomaly inputs for high pT measurements**

Speaker

Admir Greljo

15:45–16:00 **Discussion on Flavour anomalies after high lumi**

Speaker

Tevong You

Subcontributions

The Case for Future Hadron Colliders From $B \rightarrow K(*)\mu+\mu-B \rightarrow K(*)\mu+\mu-$ Decays

16:00

16:30

Joint session: Higgs and BSM

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

16:30-16:45 **Searches for heavy resonances in bosonic final states**

Speaker

Stephane Yves G Willocq

16:50-17:05 **Searches for heavy resonances in fermionic final states**

Speaker

Kerstin Hoepfner

17:10-17:25 **Experimental DM searches and higgs implications**

Speakers

Anne-Marie Magnan, Anne-Marie Magnan

17:30-17:50 **High mass dileptons dijets EWPT**

Speaker

Marco Farina

17:55-18:15 **Dibosons studies (theory)**

Speaker

Andrea Wulzer

18:20-18:40 **Additional scalars in the Higgs sector**

Speaker

Matthew Philip Mccullough

18:40