

Session Program

18-20 Jun 2018

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

SM

CERN, 500/1-001 - Main Auditorium

Monday 18 June

09:00

SM: Monday

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

09:00–09:15 **VBS Theory (1)**

Speakers

Dieter Zeppenfeld, Dieter Zeppenfeld

09:15–09:30 **VBS Theory (2)**

Speaker

Wolfgang Kilian

09:30–09:50 **VBS Experiment - SS WW, ZZ, WZ**

Speaker

Mr Claude Charlot

09:50–10:10 **VBS Experiment - WV Semileptonic**

Speaker

Viviana Cavaliere

10:10–10:30 **VVV Experiment**

Speakers

Marija Vranjes Milosavljevic, Nenad Vranjes

10:30–11:00 **Coffee break**

11:00–11:20 **Precision EW Theory (incl. W mass)**

Speaker

Alessandro Vicini

11:20–11:40 **Weinberg angle (Exp)**

Speaker

William James Barter

11:40–12:00 **W mass (Exp)**

Speakers

Josh McFayden, Maarten Boonekamp, Maarten Boonekamp

12:00–12:20 **EW fits**

Speaker

Luca Silvestrini

12:20–12:30 **Discussion**

12:30–14:00 **Lunch**

14:00–15:30 **Joint Session with Higgs (see Higgs timetable)**

19:00

15:30–16:00 Coffee break**16:00–16:20 tt cross section (Exp)****Speaker**

Otto Heinz Hindrichs

16:20–16:40 single top cross-section (exp)**Speaker**

Matthias Komm

16:40–17:00 Four tops (exp)**Speaker**

Frederic Deliot

Tuesday 19 June

09:00

SM: Tuesday

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

09:00–09:20

Top Mass (Theory)

Speaker

Paolo Nason

09:20–09:40

Top mass (exp)

Speaker

Jan Kieseler

09:40–10:00

$t\bar{t}$ +X Studies

Speaker

Eleni Vryonidou

10:00–10:20

Dead cone and charge/spin asymmetry (exp)

Speakers

James Howarth, James William Howarth

10:20–10:30

Discussion

10:30–11:00

Coffee break

11:00

Wednesday 20 June

09:00

SM: Wednesday

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

09:00–09:15 **Jets and photons (theory)**

Speaker

Joao Pires

09:15–09:30 **Photons (Exp)**

Speaker

Juan Terron Cuadrado

09:30–09:50 **Jets (Exp)**

Speaker

Hannes Jung

09:50–10:10 **DPS/UE**

Speaker

Jonathan Richard Gaunt

10:10–10:30 **Forward QCD & EWK**

Speaker

Lucian Harland-Lang

10:30–11:00 **Coffee break**

11:00–11:20 **PDF theory and tools**

Speaker

Lucian Harland-Lang

11:20–11:40 **PDF experimental inputs**

Speakers

Mario Campanelli, Mario Campanelli

11:40–12:05 **Tools section discussion**

Speakers

Eleni Vryonidou, Fabio Maltoni, Giulia Zanderighi, Marco Zaro, Marek Schoenherr, etc

13:00