

## **Session Program**

**30 October 2017 to 1 November 2017**

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

***SM WG***

CERN, 500/1-001 - Main Auditorium

# Tuesday 31 October

09:00

## SM WG: session 1

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

**09:00–09:20** **MC generators**

**Speaker**

Fabio Maltoni

**09:30–09:50** **Jet and Photon Physics**

**Speaker**

Pavel Starovoitov

**10:00–10:20** **Higher Order QCD Calculations**

**Speaker**

Giulia Zanderighi

10:30

14:00

## SM WG: session 2

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

**14:00–14:30** **PDFs, theory issues (inc. EW, ep/eA DIS option)**

**Speaker**

Dr Lucian Harland-Lang

**14:40–15:00** **Experimental Inputs to PDF fits**

**Speaker**

Amanda Sarkar

**15:05–15:25** **EFT in VBF and VBS**

**Speaker**

Michael Rauch

**15:30–15:50** **Precision EWK measurements**

**Speaker**

Alexander Savin

16:00

16:30

## SM WG: session 3

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

**16:30–16:45** **EW physics in forward region**

**Speaker**

Chitsanu Khurewathanakul

**16:55–17:10** **Forward physics prospects**

**Speaker**

Roman Pasechnik

**17:20–17:35** **DPS, photon induced production of vector bosons or jets**

18:30

<p><b>Speaker</b> Marc Dunser</p>
<p><b>17:45-18:05    Diffractive physics and UPC</b></p> <p><b>Speaker</b> Christoph Mayer</p>
<p><b>18:15-18:20    COST Project (VBS network)</b></p> <p><b>Speaker</b> Pietro Govoni</p>

Wednesday 1 November

09:00

10:30

SM WG: session 4	
Session   Location: CERN, 4/3-006 - TH Conference Room	
09:00-09:10	Top Production at HL/HE-LHC
Speaker Alexander Mitov	
09:15-09:25	EFT in top physics
Speaker Liam Ronald Moore	
09:30-09:50	Top mass and cross sections
Speaker Pedro Vieira De Castro Ferreira Da Silva	
10:00-10:20	Top properties and FCNC
Speaker Frederic Deliot	