

Session Program

14-15 Nov 2017

**Top! Hammertime (a CMS top quark
workshop)**

Top quark modelling and predictions

CERN

Tuesday 14 November

09:00

Top quark modelling and predictions: Part I

Session | **Location:** CERN, 40/S2-A01 - Salle Anderson | **Conveners:** Emyr Clement, Louise Skinnari

09:00–09:02 Welcome to the workshop

Speakers

Maria Aldaya Martin, Rebeca Gonzalez Suarez

09:02–09:04 Logistics

Speakers

Maria Aldaya Martin, Rebeca Gonzalez Suarez

09:05–09:25 New generators: Herwig 7

Speaker

Stephen James Webster

09:35–09:55 New generators: Sherpa

Speaker

Marek Schoenherr

10:05–10:25 Current state-of-the-art systematic prescriptions used in CMS

Speaker

Pedro Vieira De Castro Ferreira Da Silva

10:30–11:00 Coffee Break

11:00–11:20 ttgamma/Z: top charge, EFT operators

Speaker

Markus Christian Schulze

11:30–11:45 FSR and issues with jet multiplicity

Speaker

Mikko Voutilainen

11:50–12:05 Top pt

Speaker

James Michael Keaveney

12:20

14:00

Top quark modelling and predictions: Part II

Session | **Location:** CERN, 40/S2-B01 - Salle Bohr | **Conveners:** Louise Skinnari, Emyr Clement

14:00–14:20 Latest NNLO predictions

Speaker

Alexander Mitov

14:30–14:50 NNLO corrections for ttbar and single top in decay

15:00

Speaker

Andrew Papanastasiou