

**Session Program**

**26-30 Apr 2021**

# **SM@LHC 2021**

**Standard Model at the LHC 2021**

***YSF***

# Wednesday 28 April

17:00

## YSF

**Session** | **Location:** | **Conveners:**

Tancredi Carli, Stefan Hoeche, Eric Laenen, Aleandro Nisati, Katharina Mueller, Jeppe Rosenkrantz Andersen, Prof. Vitaliano Ciulli, Ayres Freitas, Mario Campanelli, Juan Alcaraz Maestre

17:00–17:10

### Electroweak corrections to the angular coefficients of Z-boson production and decay at finite-pT

**Speaker**

Timea Vitos

17:10–17:20

### Measurement of the vector-boson transverse momentum distributions with ATLAS

**Speaker**

Dennis Pudzha

17:20–17:30

### Probing Higgs self coupling at the future upgraded LHC

**Speaker**

Mr Amit Adhikary

17:30–17:40

### Measurement of Higgs to WW in association with a vector boson using the full Run 2 dataset at CMS

**Speaker**

Amandeep Kaur

17:40–17:50

### Parton-shower effects in Higgs production via Vector-Boson Fusion

**Speaker**

Johannes Scheller

17:50–18:00

### Observation of electroweak production of two jets and a Z-boson pair with the ATLAS detector at the LHC

**Speaker**

Shuzhou Zhang

18:00–18:10

### The anomalous Zbb couplings: From LEP to LHC

**Speaker**

Dr Bin Yan

18:10–18:20

### LHCb: Search for CP violation in $D^0 \rightarrow K_S^0 K_S^0$ decays

**Speaker**

Giulia Tuci

18:20–18:30

### NNLO QCD Predictions for Triphoton Production

**Speaker**

Dr Vasily Sotnikov

18:30-18:40

## Triboson Measurements in CMS

### Speaker

Alessandro Da Rold

18:40