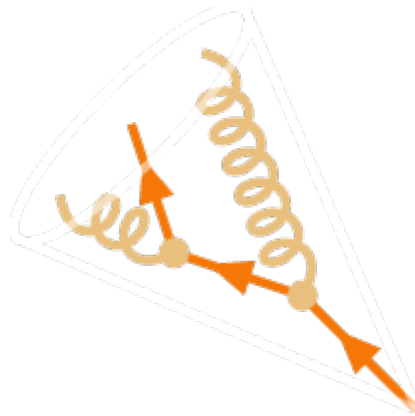


## **Session Program**

**31 May 2021 to 3 June 2021**



## **Jets and their substructure from LHC data**

### ***Discussions***

CERN, On-line only

# Monday 31 May

17:30

## Discussions

**Session** | **Location:** CERN, On-line only

17:30–17:45 **Precision predictions for jet rates**

**Speaker**

Rene Poncelet

17:50–18:05 **PDF fits using 3D dijet data**

**Speakers**

Jakob Karl Stark, Klaus Rabbertz

18:10–19:00 **additional discussions**

19:00

## Tuesday 1 June

11:00

### Discussions

Session | Location: CERN, On-line only

11:00-11:15

#### A Comparative Machine Learning Study of Color Tagger Variables in VH(bb) with Fast Detector Simulation

**Speaker**

Alberto Rescia

11:20-11:35

#### Recoil-free azimuthal angle for precision boson-jet correlation at the LHC

**Speaker**

Dingyu Shao

11:40-12:30

**additional discussions**

12:30

17:30

### Discussions

Session | Location: CERN, On-line only

17:30-17:45

#### NNLO QCD predictions for W+c-jet production at the LHC

**Speaker**

Mathieu Pellen

17:50-18:05

#### Evolution of Track functions at order $\alpha_s^2$

**Speaker**

Solange Schrijnder van Velzen

18:10-19:00

**additional discussions**

19:00

## Wednesday 2 June

11:00

### Discussions

**Session** | **Location:** CERN, On-line only

11:00–11:15 **Soft drop momentum sharing fraction  $z_g$  beyond LL accuracy**

**Speaker**  
Pedro Cal

11:20–11:35 **Investigating top tagging with N-subjettiness and prong finding**

**Speaker**  
Jack Helliwell

11:40–12:30 **additional discussions**

12:30

17:30

### Discussions

**Session** | **Location:** CERN, On-line only

17:30–17:45 **Rethinking jets**

**Speaker**  
Ian James Mout

17:50–18:05 **Spin-sensitive jet observables and their resummation**

**Speaker**  
Alexander Karlberg

18:10–19:00 **additional discussions**

19:00

# Thursday 3 June

11:00

## Discussions

Session | Location: CERN, On-line only

11:00-11:15

### Deep learning jet modifications in heavy-ion collisions

**Speaker**

Yilun Du

11:20-11:35

### Measuring QCD Splittings with Invertible Networks

**Speaker**

Theo Heimel

11:40-12:30

### additional discussions

12:30

17:30

## Discussions

Session | Location: CERN, On-line only

17:30-17:45

### Boosted Top Quark Tagging and Polarization Measurement using Machine Learning

**Speaker**

Soham Bhattacharya

17:50-18:05

### Combine and Conquer: Event Reconstruction with Bayesian Ensemble Neural Networks

**Speaker**

Jack Araz

18:10-19:00

### additional discussions

19:00