

Session Program

26-30 Apr 2021

**SM@LHC
2021**

Standard Model at the LHC 2021

QCD

Monday 26 April

14:00

QCD

Session | **Location:** | **Conveners:** Hang Yin, Juan Rojo, Frank Siegert

14:00–14:20

Hot topics in PDF fits (role of jet and top data, higher-orders, modelling of experimental correlations)

Speaker

Emanuele Roberto Nocera

14:20–14:40

Recent results in NNLO and N3LO calculations

Speaker

Fabrizio Caola

14:40–15:00

Jet measurements (including Lund-plane) and PDF/alphaS interpretations at the LHC

Speaker

Pierre Antoine Delsart

15:00–15:15

Jet Fragmentation and Central Exclusive Production at LHCb

Speaker

Kara Mattioli

15:15

15:30

QCD

Session | **Location:** | **Conveners:** Frank Siegert, Dr Juan Rojo, Hang Yin

15:30–15:50

Progress in MC event generators (with focus on NLL showers)

Speaker

Stefan Prestel

15:50–16:05

Role of mass corrections in pQCD calculations

Speaker

Davide Napoletano

16:05–16:20

Jet substructure (with possible ML) at the LHC

Speaker

Alejandro Gomez Espinosa

16:20