

**Session Program**

**26 September 2021 to 1 October 2021**

**Low-x 2021**

***PDFs and QCD session II***

# Monday 27 September

16:10

## PDFs and QCD session II

**Session | Location:**

16:10–16:30

### Direct measurement of short-lived particle dipole moments at the LHC

**Speaker**

Nicola Neri

16:30–16:50

### $\chi$ polarization in high multiplicity hadronic collisions

**Speakers**

Tomasz Stebel, Tomasz Stebel

16:50–17:15

### Determination of proton parton distribution functions using ATLAS data

**Speaker**

Zhiqing Philippe Zhang

17:15–17:35

### Speeding up machine learning-based inference for Hadronic physics via Hadamard matrices

**Speaker**

Thomas Chen

17:35–18:00

### The Diffractive Contribution to Deep Inelastic Lepton-Proton Scattering: Implications for QCD Momentum Sum Rules and Parton Distributions

**Speaker**

Stanley J. Brodsky

18:00–18:35

### Discussion session: PDFs, QCD

**Speakers**

Cyrille Marquet, Dimitri Colferai, Krzysztof Kutak

18:35