

**Session Program**

**19-21 Oct 2022**

**Implications of LHCb measurements and  
future prospects**

***QCD spectroscopy and exotic hadrons***

CERN, 222/R-001

## Thursday 20 October

09:00

### QCD spectroscopy and exotic hadrons

**Session** | **Location:** CERN, 222/R-001 | **Conveners:**

Padmanath Madanagopalan, Elisabeth Maria Niel, Raquel Molina Peralta, Dmitrii Pereima

09:00–09:20

#### New pentaquark states at LHCb

**Speaker**

Ivan Polyakov

09:25–09:45

#### Tetraquark studies at LHCb

**Speaker**

Yi Jiang

09:50–10:10

#### Methods to explore the nature of the new exotic resonances from data

**Speaker**

Dr Miguel Albaladejo Serrano

10:15–10:45

#### Coffee break

10:45–11:05

#### Hadronic resonances and exotics from lattice QCD

**Speaker**

Liuming Liu

11:10–11:30

#### Conventional spectroscopy at LHCb

**Speaker**

Mengzhen Wang

11:35–11:55

#### Understanding QCD exotics using deep neural networks

**Speaker**

Cesar Fernandez Ramirez

11:55