

Session Program

9-13 Jan 2023

**8th International Conference on High Energy
Physics in the LHC Era**

Parallel session B

Universidad Técnica Federico Santa María, Building T
Avda. España 1680, Valparaíso, Chile

Monday 9 January

14:30

Parallel session B: QCD

Session | **Location:** Universidad Tecnica Federico Santa Maria, Room C225, Building C | **Convener:** Marat Siddikov

14:30–14:50 **ATLAS results in hadron spectroscopy and production**

Speaker

Braden Keim Abbott

14:50–15:10 **Lepton Flavour Universality tests using semileptonic b-hadron decays**

Speaker

Iaroslava Bezshyiko

15:10–15:30 **Latest results from Kaon experiments at CERN**

Speaker

Renato Fiorenza

15:30–15:50 **J/psi production at NLO + timelike parton shower**

Speaker

guiot benjamin

15:50–16:10

Highlights on top quark physics with the ATLAS experiment at the LHC

Speaker

Andreas Kirchhoff

16:10

16:40

Parallel session B: QCD

Session | **Location:** Universidad Tecnica Federico Santa Maria, Room C225, Building C | **Convener:** Gorazd Cvetič

16:40–17:00

The LHC Run II top quark data legacy on global PDF and SMEFT analyses

Speaker

Manuel Morales Alvarado

17:00–17:20

Exclusive photoproduction of quarkonia pairs as a probe of gluon GPDs.

Speaker

Marat Siddikov

17:20–17:40 **ATLAS results on weak decays of B mesons**

Speaker

Andrew Mark Wharton

17:40–18:00

Observation of new structures in the J/ψJ/ψ mass spectrum in pp collisions at $s\sqrt{=13}$ TeV

Speaker

Kai Yi

18:00