

Session Program

7-11 Oct 2024

QCD@LHC 2024

Heavy quarks

University of Freiburg
Hermann-Herder-Str. 3 79104 Freiburg

Monday 7 October

16:00

Heavy quarks

Session | **Location:** Institute of physics, Hörsaal II | **Conveners:**
Gilberto Tetlalmatzi-Xolocotzi, Ruilin Zhu, Baptiste Ravina, Lorenzo Capriotti

16:00–16:30 **Theoretical predictions for ttW and ttZ production**

Speaker

Prof. Nikolaos Kidonakis

16:30–17:00 **Energy correlators for top mass measurement**

Speaker

Dr Aditya Pathak

17:00–17:30 **Modelling off-shell effects with machine learning**

Speaker

Mathias Kuschick

17:30

Tuesday 8 October

16:00

Heavy quarks

Session | **Location:** Institute of physics, Hörsaal I | **Conveners:**
Baptiste Ravina, Ruilin Zhu, Lorenzo Capriotti, Gilberto Tetlalmatzi-Xolocotzi

16:00-16:30 **Binding mechanisms for exotic states**

Speaker
Elena Santopinto

16:30-17:00 **NRQCD description of multiquark states**

Speaker
Abhishek Mohapatra

17:00-17:30 **Left-hand cut problem and doubly heavy tetraquarks**

Speaker
Vadim Baru

17:30

Thursday 10 October

14:00

Heavy quarks

Session | **Location:** Institute of physics, Hörsaal I | **Conveners:**
Lorenzo Capriotti, Gilberto Tetlalmatzi-Xolocotzi, Ruilin Zhu, Baptiste Ravina

14:00-14:30

Observable CP-violation in charmed baryons decays with SU(3) symmetry analysis

Speaker

Zhi-Peng Xing

14:30-15:00

Revisiting $D \rightarrow \pi \ell \ell$ decays in the Standard Model, using LCSR

Speakers

Anshika Bansal, Anshika Bansal

15:00-15:30

Precision meets new physics in the heavy-quark expansion

Speakers

Martin Lang, Martin Sebastian Lang, Martin Sebastian Lang

15:30