

Session Program

19-21 Oct 2022

**Implications of LHCb measurements and
future prospects**

Mixing and CP violation

CERN, 222/R-001

Wednesday 19 October

09:45

Mixing and CP violation

Session | **Location:** CERN, 222/R-001 | **Conveners:**
Emmy Gabriel, Dr Matthew Kirk, Aleks Smolkovic, Federico Betti

09:45–10:10 **Experimental overview of charm**

Speaker

Guillaume Max Pietrzyk

10:20–10:40 **Systematics of U-spin Amplitude Sum Rules**

Speaker

Margarita Gavrilova

10:47–11:07 **Direct A_{CP} from charm final state interactions**

Speaker

Patricia Magalhaes

11:15–11:45 **Coffee break**

11:45–12:10 **Experimental overview of beauty**

Speaker

Peilian Li

12:20–12:40 **NNLO for B Mixing**

Speaker

Vladyslav Shtabovenko

12:47–13:07 **CP violating NP in $B(s) \rightarrow D(s) K$**

Speaker

Eleftheria Malami

13:15