

**Session Program**

**19-22 Oct 2021**

**Implications of LHCb measurements and  
future prospects**

***Stream 2 (CP violation and mixing in charm  
and beauty)***

CERN, 500/1-001 - Main Auditorium

# Friday 22 October

09:30

## Stream 2 (CP violation and mixing in charm and beauty)

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:**  
Adam Davis, Maria Laura Piscopo, Jason Aebischer, Peilian Li

### 09:30-09:45 Overview of Charm and B theory

**Speaker**  
Stefan Schacht

### 09:55-10:10 Experiment: CPV+mixing in charm

**Speaker**  
Tara Nanut Petric

### 10:20-10:35 Experiment: CPV+mixing in b decays

**Speaker**  
Marcos Romero

### 10:45-11:00 Meson mixing in SMEFT

**Speaker**  
Jacky Kumar

### 11:10-11:30 Coffee & Chat room

**Speakers**  
Marco Pappagallo, Niels Tuning

### 11:10-11:30 Coffee Break

### 11:30-11:45 Baryogenesis and B-mesogenesis

**Speaker**  
Gilly Elor

### 11:55-12:10 Rescattering contributions to $\overline{B}_{(s)} \rightarrow D_{(s)}^{(*)} M$

**Speaker**  
Syuhei Iguro

### 12:20-12:35 Experiment: Gamma measurement and combination at LHCb

**Speaker**  
Federico Betti

12:45