

Session Program

22-26 May 2023

**11th Edition of the Large Hadron Collider
Physics Conference**

Flavour Physics

Belgrade, Serbia
Metropol Palace, Bulevar kralja Aleksandra 69, Beograd 11000, Serbia

Tuesday 23 May

14:30

Flavour Physics: Part 1

Session | **Location:** Hotel Metropol Palace, THE PLATO ROOM 1 | **Conveners:**
Fabrizio Grosa, Nathan Philip Jurik, Maria Smizanska, Achim Geiser, Dr Olcyr Sumensari

14:30–14:44 **CP violation and mixing in b and c decays (TH)**

Speaker

Maria Laura Piscopo

14:47–15:01 **Status and outlook for B-mixing parameters on the lattice (TH)**

Speaker

Tobias Tsang

15:04–15:18 **Time dependent CP violation in b decays (LHCb)**

Speaker

Yingrui Hou

15:21–15:35 **CP violation and lifetimes in CMS**

Speaker

Silvano Tosi

15:38–15:52

Lifetime measurements with $B_s \rightarrow \mu\mu$ and $B_d \rightarrow J/\psi K^{*0}$, CP violation in $B_s \rightarrow J/\psi\phi$ (ATLAS)

Speaker

Marek Biros

15:55–16:09 **Time integrated CP violation in b decays (LHCb)**

Speaker

Jessy Daniel

16:12–16:26 **CP violation and mixing in c decays (LHCb)**

Speaker

David Friday

16:30

Friday 26 May

11:30

Flavour Physics: Part 2

Session | **Location:** Hotel Metropol Palace, THE ARISTOTLE ROOM 3 | **Conveners:**
Fabrizio Grosa, Achim Geiser, Nathan Philip Jurik, Dr Olcyr Sumensari, Maria Smizanska

11:30–11:45

B-meson semileptonic form-factors on the lattice

Speaker

Andreas Juttner

11:48–12:03

B decays and other spectroscopy/resonance results from CMS

Speaker

Maksim Sergeev

12:06–12:21

Hadronic B decay rate measurements at LHCb

Speaker

Andrea Villa

12:24–12:39

Measurement of scattering parameters governing the residual strong interaction between charm and light hadrons (ALICE)

Speaker

Daniel Battistini

12:42–12:57

B decays and resonances in ATLAS

Speaker

Roger Jones

13:00