

**Session Program**

**29 November 2022**

**12th LHC students poster session**

***Physics of heavy flavours (charm and bottom,  
including production)***

## Tuesday 29 November

10:03

### Physics of heavy flavours (charm and bottom, including production)

Session | Location:

10:03–10:04 **Search for  $\tau \rightarrow 3\mu$  decays with CMS experiment at LHC**

**Speaker**

Nimantha Perera

10:04–10:05

**Observation of new structures in the  $J/\psi/\psi$  mass spectrum in pp collisions at  $\sqrt{s}=13\text{TeV}$  with CMS**

**Speaker**

Xining Wang

10:05–10:06

**Azimuthal correlation between D mesons and charged particles in pp collision at  $s\sqrt{=13\text{ TeV}}$  with ALICE**

**Speaker**

Antonio Palasciano

10:06–10:07

**Measurement of the CP-violating phase  $\phi_s$  in  $B_0^s \rightarrow J/\psi \phi$  decays in ATLAS at 13 TeV**

**Speaker**

Easwar Anand Narayanan

10:07–10:08

**Angular analyses of  $b \rightarrow s \ell \ell^+ \ell \ell^-$  decays at LHCb**

**Speaker**

Felicia Carolin Volle

10:08–10:09

**Charm mixing in  $D \rightarrow K \pi \pi \pi$  at LHCb**

**Speaker**

Jennifer Clare Smallwood

10:09–10:10

**Search for the decay  $\Xi_b^- (\Omega_b^-) \rightarrow \Lambda_b^- h^+ h^{\prime-}$  at LHCb**

**Speaker**

Bhagyashree Pagare

10:10–10:11

**Measuring the CKM Angle  $\gamma$  using  $B^0 \rightarrow DK^+ \pi^-$  Decays at LHCb**

**Speaker**

Aidan Richard Wiederhold

10:11–10:12

**Study of  $\Lambda_b \rightarrow D^0 p K$  decay for a future measurement of  $\gamma$  at LHCb**

12:03

**Speaker**  
Chiara Mancuso