

# QCD@LHC2022

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## Joint TH EXP talks: Overview of flavour anomalies

*Thursday 1 December 2022 09:30 (30 minutes)*

Over the last decade, measurements of  $b \rightarrow s\ell^+\ell^-$  and  $b \rightarrow c\ell^+\nu$  transitions have consistently shown tensions with Standard Model predictions. These tensions are referred to collectively as the Flavour Anomalies. In this talk, an overview of the Flavour Anomalies will be given, with a particular focus on the experimental challenges surrounding these measurements, in addition to a discussion on Run 3 prospects.

### Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

### Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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**Track Classification:** WG4: Heavy-quark and Quarkonium Physics