Contribution ID: 544

## tt+heavy flavour measurements with the full run 2 dataset using the ATLAS experiment

Thursday 18 July 2024 17:21 (15 minutes)

The top-quark pair production in association with heavy-flavour jets (b/c) is a difficult process to calculate and model and is one of the leading sources of background to ttH and 4tops in 11/2LOS channel. To improve our understanding of this process, a new inclusive and differential measurement of this process was performed. Results from ATLAS using the full run 2 dataset will be presented.

## Alternate track

1. Strong Interactions and Hadron Physics

## I read the instructions above

Yes

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Session Classification: Top Quark and Electroweak Physics

Track Classification: 04. Top Quark and Electroweak Physics