## **DPF-PHENO 2024**

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## Performance of heavy-flavour jet identification algorithms in boosted topologies at the CMS experiment

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Over the years, the Lorentz-boosted regime has become an attractive area for performing measurements and searches at the LHC. This has led to an increasing importance of boosted-jet tagging algorithms. The algorithms identifying jets originating from a massive particle decaying to b or c quark-antiquark pairs, employed in CMS Run 2 analyses, are shown in this talk. The talk summarises their performance and highlights three methods used to calibrate their performance in data. The results of the calibration and their comparison to simulation are presented.

## Mini Symposia (Invited Talks Only)

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