Alpha-s and jet measurements in CMS

Thursday 18 July 2024 15:15 (15 minutes)

A vast program of measurements of the strong coupling constant alpha_S is being undertaken by CMS. These measurements exploit several QCD dominated processes that are sensitive to alpha_S, and present different theoretical and experimental challenges. A review of the current public results and perspective is given.

Alternate track

I read the instructions above

Yes

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Session Classification: Strong interactions and Hadron Physics

Track Classification: 06. Strong Interactions and Hadron Physics