

10th International Workshop on Boosted Object Phenomenology,
Reconstruction and Searches in HEP (BOOST 2018)

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Stealth bosons and where to find them

Wednesday 18 July 2018 12:00 (25 minutes)

I want to discuss jets resulting from the cascade decay of a new particle into four quarks, focusing on: (i) their substructure, which looks like QCD for standard taggers (ii) their groomed mass, which often differs considerably from the true mass of the originating particle. I also want to discuss how to distinguish such jets from the QCD background.

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