

# BOOST 2016: 8th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches in HEP



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## A QCD description of jet shapes for boosted jets

*Monday 18 July 2016 14:00 (20 minutes)*

Jet shapes are commonly used as discriminative variables to tag boosted objects. In this talk, I will present a method to compute jet shapes for boosted objects which retains the dominant contributions coming either from the large boost or, when appropriate, from the smallness of the shape itself. I will mostly focus on the case of 2-subjettiness but will also show that the method can be applied to other observables like N-subjettiness with grooming or Energy-Correlation functions.

### Summary

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