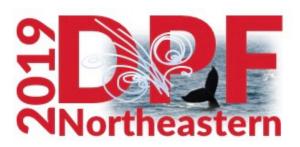
## 2019 Meeting of the Division of Particles & Fields of the American Physical Society



Contribution ID: 451 Type: Oral Presentation

## **Latest Development in Jet Substructure Techniques**

Tuesday, 30 July 2019 14:00 (20 minutes)

I will review recent advances of tools that help improve the performance and analytic understanding of boosted object tagging and background mitigation. I will also discuss the fast developing fields of heavy ion jet substructure studies and machine learning applications at high energy colliders. In the end I will discuss a new class of collinear drop observables which allows systematic studies of soft radiation inside jets.

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Session Classification: QCD & Heavy Ions

Track Classification: QCD & Heavy Ions