

UCLA Nuclear Physics Seminar

“Resummation of the D-parameter”

Presented by Prof. Andrew Larkoski
Reed College

The D-parameter is among the oldest and most experimentally well-studied hadronic event shape observables in electron-positron collisions. Despite this, there does not exist a prediction for the D-parameter from perturbative QCD which captures all logarithmic corrections to any formal accuracy. In this talk, I will discuss our approach to this problem and its resolution, which utilizes recent advances in the field of jet substructure.

Location: Knudsen 4-134

Date: Thursday, April 5, 2018

Time: 1:30pm

The UCLA logo, consisting of the letters "UCLA" in white, bold, sans-serif font, centered within a dark blue rectangular box.