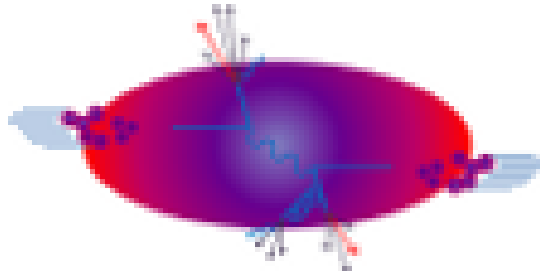


Jet reconstruction and spectroscopy at hadron colliders



Contribution ID: 5

Type: **not specified**

Jets in their habitat

Monday 18 April 2011 09:55 (45 minutes)

In the talk I will cover recent aspects of jet reconstruction at the LHC. As an introduction I will start by addressing the need for a robust set of jet definitions and the progress that has been achieved in that direction over the last years. Then I will discuss various techniques, built on that robust set of jet definitions, that have been developed to improve jet reconstruction. In particular, I will show that jet areas can be used as a way to handle pile-up contamination and motivate the use of jet substructure to tag boosted particles.

Presenter: SOYEZ, Gregory (CEA Saclay)

Session Classification: Overview Presentations