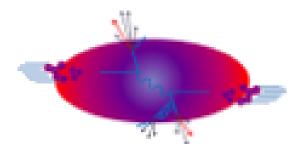
## Jet reconstruction and spectroscopy at hadron colliders



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## Methods and algorythms in CDF for diboson production in hadronic final states

Tuesday 19 April 2011 11:40 (25 minutes)

A benchmark for Higgs discovery at the Tevatron is the diboson production in hadronic final states. Before every finding of the Higgs we have to show that we can re-discover this known Standard Model process. The same set of techniques used for Higgs can be tried on dibosons to see their effectiveness: jet reconstruction algorythms, b tagging methods, background reduction methods etc. I will review in this talk the latest set of methods and algorithms used to search for dibosons in hadronic final states.

**Presenter:** RUSU, Alexandru (Fermilab) **Session Classification:** W/Z and Higgs