

## Search for new physics in boosted topologies

*Monday 11 August 2014 15:05 (20 minutes)*

The presentation is expected to focus on the opportunities of discovery of new physics profiting of the latest reconstruction tools for boosted top-quark or boson (W,Z,H) reconstruction and their large effect on increasing the analysis efficiency. A summary of Run 1 results showing latest techniques for background suppression and data-driven background estimate should be included pointing out the possibilities and improvements for Run 2.

**Presenter:** COCHRAN JR, James Herbert (Iowa State University (US))

**Session Classification:** Parallel Session 3