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The Most Important Searches Missing From Run I

Thursday, August 6, 2015 6:00 PM (15 minutes)

I will discuss several important gaps in LHC coverage for signatures of new physics beyond the standard model. While many of these signatures involve exotic objects, others will be composed entirely of prompt standard detector objects. Special focus will be given for signatures that emerge generically in broad classes of models. This talk will cover both opportunities for existing coverage to be improved, and entirely new search strategies with the potential to make discoveries even within 8 TeV data.

Oral or Poster Presentation

Oral

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