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Characterizing Dijet Resonances at the LHC

The LHC is actively searching for dijet resonances corresponding to physics beyond the standard model.
If a new heavy resonance is discovered, it will be important to understand how best to characterize its properties.
Alternatively, if no new resonance is discovered, it is important to understand what limits are implied across different
classes of models. In this talk I discuss different methods that can be used to identify the properties of an observed dijet resonance, and an approach to aid in distinguishing between realistic and unrealistic alternatives
for potential signals.

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