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Jet substructure techniques for identifying boosted bosons in ATLAS

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Abstract content
   (Max 300 words)
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At LHC Run 2, many heavy particles decaying to jets can be identified with jet substructure techniques. Various techniques for reconstructing boosted bosons were used in LHC Run 1 at ATLAS, and they are being tested with the Run 2 data. Some early results comparing signal and background shapes from these techniques will be shown, with comments on their possible usage on new physics searches.

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Main supervisor (name and email)
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