

ICHEP2012



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## **Finding Stop with Azimuthal angle in 2jet+MET at the LHC**

*Saturday, July 7, 2012 6:00 PM (1 hour)*

Suppressing the bunch of top quark background is essential in finding the top squark at the LHC. Currently we are not optimized in the discrimination of them. We suggest the azimuthal angle around the beam axis be a good discriminator and show its utility in the dijet+Missing Energy channel at the LHC with 14 TeV center of energy.

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