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Search for Supersymmetry in Dilepton Final States with energetic Two-jets in Vector Boson Fusion-like Topology Using dedicated VBF trigger in the CMS Detector at the LHC ALI CELIK, TAMU, VBF TEAM — A search of supersymmetry using Vector Boson Fusion tagged jets is presented using 20 fb^{-1} of data from proton-proton collisions at center of mass energy of 8 TeV, collected by the CMS detector in 2012. Final states containing at least two leptons are expected in pair production of charginos and neutralinos. We will repeat the same analysis for the 13 TeV data by using dedicated VBF trigger which is well-suited for this analysis since it has large signal acceptance and allows us to decrease lepton p_T that might be particularly useful in searching for compressed spectra where small p_T leptons are a key signature.

Ali celik
Tamu

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