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Searches with uncommon jet substructure at CMS

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We present results from searches for new physics with uncommon jet substructure. The results cover a variety of final states that have been uncovered so far. The models considered range from stealth SUSY where a hard photon is merged with gluons into a single jet, to light resonances produced with a high Lorentz boost, decaying to quark-antiquark and reconstructed in a single jet.

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