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## Searches for new physics breaking the CP and flavor symmetries in the top quark sector at CMS

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The top quark plays an important role in a number of new physics models, some of which introduce violations to some of the accidental symmetries of the SM, such as the lepton number conservation or introduce additional sources of others already broken, such as the CP symmetry. A set of measurements is presented that probe violation of these symmetries in processes involving the top quark, in association with additional particles.

### Secondary track

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