

# Probe BSM physics with the interaction between the Higgs boson and top quark

*Saturday, August 28, 2021 4:30 PM (20 minutes)*

The top quark is the heaviest elementary particle, studying its interaction with the Higgs boson not only helps to further understand the newly discovered Higgs boson itself, but also opens new opportunities to probe the BSM physics. This talk will summarize recent new experimental results that connect the top-Higgs interaction with searches of new physics beyond the standard model with the LHC Run 2 dataset.

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**Session Classification:** Higgs precise measurement