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## Higgs Boson Production in Association of Three Jets via Gluon Fusion

*Saturday 2 April 2022 12:10 (30 minutes)*

In this talk, I will discuss finite top and bottom quark mass effects in the computation of scattering cross-sections for the production of Higgs Boson in association of three jets at Hadron Colliders such as the CERN Large Hadron Collider. I will, also, present predictions for the production a CP-violating Higgs.

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