

## Treatment of ggF contamination in VBF phase-spaces across CMS analyses

*Wednesday 30 October 2024 15:30 (30 minutes)*

An in-depth discussion of the gluon gluon fusion contamination in the VBF phase-space for both simplified template cross section and fiducial measurements in CMS will be given. In particular, the talk will cover different mitigation techniques for several analyses and into the different mitigation treatments the different analyses use and will touch upon the experimental challenges this contamination poses.

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**Session Classification:** Selected topics on VBF and related