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VBS aQGC Reweighting study

This talk will present an investigation into generating EFT aQGC samples using the internal Madgraph LO matrix element reweighting method. The study focuses on the semi-leptonic VBS process applied to the new aQGC recommendation superset of the Eboli model. The aim is to assess the accuracy and reliability of the approach and, if possible, validate it as an alternative to the EFT decomposition method commonly used in ATLAS. If successful, this method could significantly reduce the number of EFT samples required.

Track/session

Parallel ATLAS track

Author: SALIN, Olivier (Université Paris-Saclay)

Presenter: SALIN, Olivier (Université Paris-Saclay)

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