

## The QED-MC@NLO method

*Tuesday, 10 September 2024 11:25 (25 minutes)*

As experimental precision continues to improve, it becomes increasingly important for the theory community to incorporate electroweak corrections alongside higher-order QCD effects in our predictions. In this talk, I will introduce the QED-MC@NLO method, which matches a QED parton shower with an NLO electroweak calculation. I will discuss some implementation details and present results from important use cases. Additionally, I will demonstrate how this method extends to combined QCD+EW NLO calculations, matched to an interleaved parton shower.

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