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On a General Procedure for Evaluating Higher Order Radiative Corrections for LHC Physics[1] MIKHAIL KALMYKOV, SWAPAN MAJHI, BENNIE F.L. WARD, SCOTT A. YOST, Baylor University — The anticipated role of precision theoretical predictions for LHC physics processes necessitates the development of efficient, reliable and rigorous theoretical tools to evaluate QCDXEW higher order radiative corrections to such processes. In this talk, we present the elements and status a new methodology which is ultimately aimed at providing the exact higher order corrections needed for exactly resummed QCDXEW MC event generators, which are also under our development so that we may realize an event-by-event comparison between theory and the precision LHC data.

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