QEDxQCD Resummation and Shower/ME Matching at the LHC[1] SCOTT A. YOST, B.F.L. WARD, Baylor University — We present the theory of QED$\otimes$QCD resummation and show how it allows shower/ME matching to arbitrary orders in perturbation theory. The theory is illustrated in applications to single heavy gauge boson production at the LHC.

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