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## Resummation for QCD and EW cross-sections at the LHC

*Tuesday 5 June 2012 14:30 (20 minutes)*

I will discuss recent progress in the all-order resummation of logarithmically enhanced terms in the perturbative expansion of LHC cross sections. At leading logarithmic accuracy, this resummation can be achieved using parton showers. In my talk, I will discuss higher-log resummations performed with effective field theory or diagrammatic methods. The focus will be on recent results for transverse momentum spectra of electroweak bosons ( $\gamma$ , Z, W and Higgs bosons), and on new precision predictions for the Higgs cross section in the presence of a jet veto.

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