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**Mass Effects in  $Wb\bar{b}$  Production at Hadron Colliders** FERNANDO FEBRES CORDERO, LAURA REINA, FSU, DOREEN WACKEROTH, SUNY at Buffalo — We present the NLO QCD corrections to the process  $p\bar{p}, pp \rightarrow Wb\bar{b}$  including full mass effects. We study in detail the impact of mass terms in the theoretical prediction of cross sections and distributions. The  $Wb\bar{b}$  mode is an important background for several processes, in particular for the associated W production of a SM light Higgs.

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