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Diboson physics from the Tevatron

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We present recent measurements of diboson production at the Tevatron Collider at $\sqrt{s}=1.96$ TeV, analyzing fully leptonic and semileptonic final states (including heavy flavor jets) in data collected by the CDF and D0 detectors between 2002-2011. The analyzed final states in $V\gamma$ and VV decays ($V = W, Z$) are of significant importance for testing the electroweak sector of the Standard Model (SM) and they are directly relevant to searches for a low mass Higgs boson and the physics beyond the SM.

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Classification de Session: EWSB (SM and beyond), Precision tests, SUSY

Classification de thématique: Experiment