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Diboson Physics at the Tevatron

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We present an overview of the recent results on the production of massive boson pairs in p-pbar collisions at a center-of-mass energy of 1.96 TeV, studied by the CDF and D0 experiments at the Tevatron. The measurements performed are a precise test of the Standard Model and crucial backgrounds for several different searches for new physics. In particular the good knowledge of the diboson production in decay modes involving heavy quarks improved the CDF and D0 sensitivity in Higgs boson searches. The results reported will represent part of the Tevatron legacy, utilizing the complete collected data sample.

Auteur principal: BAUCE, Matteo (Università di Padova - INFN)

Orateur: BAUCE, Matteo (Università di Padova - INFN)

Classification de Session: BSM & Electroweak results

Classification de thématique: Experiment