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### **Top Quark Properties at the TeVatron**

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The top quark is the least understood of the quarks and is a main focus of research for experiments at the TeVatron proton-anti-proton collider. The top quark plays an important role as fundamental parameter in the Standard Model as well as in its extensions. Moreover, its large mass has led to speculation that its interactions might be sensitive to the mechanism of electroweak symmetry breaking and new physics at higher energy scales. This talk will present recent top quark physics results from the CDF and DZero collaborations. A review of the measurements of the top quark mass and their effect on the prediction of the Higgs mass will be shown, as well as searches for new physics by studying production and decay couplings of top quarks. Also covered will be non-SM resonance states examining the top -antitop invariant mass spectrum.