

XX International Workshop on Deep-Inelastic Scattering and Related Subjects



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BSM Higgs and other bump searches at the Tevatron

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In Beyond Standard Model (BSM) theories such as supersymmetry, the electroweak symmetry breaking mechanism predicts one or several Higgs bosons with different couplings and masses compared to the Standard Model one. We will present the constraints on BSM theories coming from searches for exotic Higgs bosons from the CDF and D0 collaborations at the Tevatron. In addition, other bump searches will also be presented, such as in the dijet mass spectrum in $W+2\text{jets}$ events.

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