

Top physics and Higgs searches at the Tevatron

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The search for the Higgs boson and the study of the heaviest known fundamental particle, the top quark, have been at the center of the Tevatron research program. The Higgs boson is yet to be discovered and the top quark was discovered in 1995. Both of these particles have a very special place in the “periodic table” of fundamental particles. With Tevatron having collected a lot of data and the Large Hadron Collider finally coming online, we are entering a very exciting era where many interesting questions about these intriguing particles will be answered. In this talk I will summarize the current status of Higgs boson and top quark studies at the Tevatron and will discuss a few interesting observations that could be hints for the physics beyond the Standard Model.

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