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Top-Quark Production at Hadron Colliders

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The study of the properties of the top quark is one of the main goals of the Large Hadron Collider (LHC) physics program. The experimental precision expected at the LHC requires the knowledge of several top-quark related observables beyond leading order in the strong coupling constant. In this talk I briefly review the status of the theoretical predictions for the top-quark production processes at hadron colliders. Special attention will be devoted to recent progress in the calculation of NNLO corrections to the top-quark pair production cross
section.

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