

Search for physics beyond the SM in ep collisions at HERA

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Various channels were explored to look for physics beyond the standard model.

A search for first generation leptoquarks as a unique signal for new physics was augmented by searches for unnaturally large number of events in channels where the number of events predicted in the SM is small. Such a channel is the production of single top.

Another such channel is the production of tau pairs.

Limits are presented and SM quantities are evaluated in the absence of an indication of new physics.

Auteur principal: Dr MARIOTTI, Chiara (INFN Torino)

Orateur: BELLAGAMBA, Lorenzo

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