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Underlying event at the LHC at 13 TeV

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In order to push the high energy frontier of particle physics, the Large Hadron Collider has recently undergone a challenging upgrade to collide protons with two times higher energy than before. New analyses are being carried out by physicists all over the world to measure particles of interests representing building blocks of Standard Model such as W or Higgs bosons, using data at the new collision energy. The environment in which these particles are created tends to be rather busy thanks to all sorts of underlying phenomena. How is this environment, arising from fascinating behavior of proton inner structure, behaving at 13TeV is a tempting and important study to be performed.

Sekce

Částicová a jaderná fyzika

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