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Search for $Z' \rightarrow \tau\tau$ decay with the CMS detector at LHC

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A search for high mass resonances decaying into tau pairs is presented using a data sample of pp collisions at $\sqrt{s} = 7$ TeV corresponding to an integrated luminosity of 5 fb^{-1} collected with the CMS detector at the LHC. The number of observed events is in good agreement with the standard model prediction so an upper limit on the resonance production cross section is calculated.

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Classifica Sessioni: Modello Standard e oltre

Classificazione della track: Fisica del Modello Standard e oltre