

Searches for new physics in the dilepton channel with the CMS detector at the LHC

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Search for physics beyond the standard model using resonant and nonresonant models in dilepton channel has been performed using Run 2 data with integrated luminosity 140 fb⁻¹ in proton-proton collisions at $\sqrt{s}=13$ TeV with the CMS experiment at the LHC.

A good agreement with the predictions of the standard model is found, no significant deviations are observed. Limits on the parameters of the considered models are reported.

The speaker is a student or young scientist

Yes

Section

1. Intermediate and high energies, heavy ion collisions

Primary author: ZHIZHIN, Ilia (JINR)

Presenter: ZHIZHIN, Ilia (JINR)

Session Classification: Intermediate and high energies, heavy ion collisions