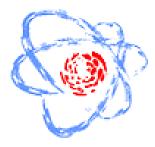
JINR Association of Young Scientists and Specialists Conference "Alushta-2022"



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

Friday, 10 June 2022 13:15 (10 minutes)

The search for new neutral gauge bosons decaying to a dilepton final state spectra has been performed using data obtained in Run 2 in 2016-2018 in proton-proton collisions at sqrt(s)=13 TeV with the CMS experiment at the LHC. The data correspond to integrated luminosity of 140 fb^(-1). The results are in good agreement with the predictions of the standard model. Limits on the production cross section and masses of new narrow signals have been set.

Summary

Presenter: ZHIZHIN, Ilia (JINR)

Session Classification: Sectional talks