

# XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



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## Searches for new physics in lepton and missing transverse momentum final states in CMS

*Thursday, 15 April 2021 10:54 (15 minutes)*

Many theories beyond the Standard Model (BSM) predict the existence of new, heavy resonances that may decay in leptonic final states. This talk presents the search for physics BSM in final states with an electron or muon, and missing transverse momentum. The data was obtained with the CMS detector using full Run 2 luminosity.

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**Session Classification:** Electroweak Physics and Beyond the Standard Model

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