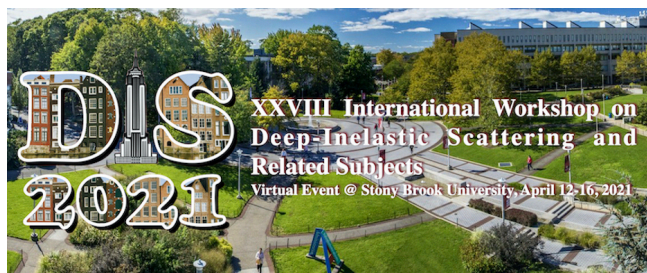


XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 409

Type: **Contributed Talk**

Future Physics Prospects with the CMS Detector at the High-Luminosity LHC

Thursday, 15 April 2021 08:25 (25 minutes)

The High-Luminosity Large Hadron Collider (HL-LHC) is expected to deliver up to 3000 fb⁻¹ of proton-proton collisions at 14 TeV center-of-mass energy. The CMS detector will undergo significant upgrades for HL-LHC operations. We will present prospects for selected Standard Model and Higgs sector measurements with the CMS detector at the HL-LHC, and discuss potential sensitivity to several beyond-Standard Model new physics scenarios.

Primary author: CMS COLLABORATION

Presenter: HENDERSON, Conor (University of Alabama (US))

Session Classification: Future Experiments

Track Classification: Future Experiments