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Type: **Talk**

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

Thursday, 2 September 2021 12:00 (30 minutes)

The High-Luminosity Large Hadron Collider (HL-LHC) is expected to deliver an integrated luminosity of up to 3000 fb^{-1} . The very high instantaneous luminosity will lead to about 200 proton-proton collisions per bunch crossing (“pileup”) superimposed to each event of interest, therefore providing extremely challenging experimental conditions. Prospects for selected topics in the SM and Higgs sectors as well as prospects for searches for new physics beyond the standard model are presented.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

CMS (CERN)

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Yes

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