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Type: **Talk**

The upgrade of the CMS detector for the High Luminosity LHC

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In order to provide the required physics performance under the challenging radiation and pileup conditions at the High Luminosity LHC, the CMS detector will undergo deep upgrades.

Under this upgrades program the existing sub-detector systems will either be improved or replaced. Entirely new sub-detector systems will also be incorporated to provide new capabilities that are not available presently. In this oral presentation the rationale behind the planned upgrades to the CMS tracking, calorimetry, muon detectors and the new timing detector will be summarized.

This will set the stage for the detailed presentations on these topics.

Is this abstract from experiment?

Yes

Internet talk

Yes

Name of experiment and experimental site

CMS

Is the speaker for that presentation defined?

Yes

Details

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