

Overview of Results from CMS

The incredible performance of the LHC in 2016 has provided the collider experiments the opportunity to study the physics of the fundamental world at the largest energies and smallest length scales ever probed. In this talk I will summarize some recent, high-profile results from the CMS experiment, one of two general-purpose experiments at the LHC. The presentation will touch on all aspects of the experiment's physics program: high-precision measurements of previously-observed effects – the so-called rediscovery of the Standard Model; the pursuit of answers to known open questions about the universe, such as the characterization of the recently-discovered Higgs boson and the attempts to produce and detect dark matter; and the search for completely new dynamics that could reveal yet-unknown secrets of the fundamental world.

I intend to submit my contribution for the proceedings

Yes

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