



Contribution ID: 265 Contribution code: S05-HEP-107

Type: **Oral presentation**

Higgs to invisible searches

Monday, August 29, 2022 5:10 PM (15 minutes)

Although the observed 125 GeV boson is so far compatible with the SM Higgs boson, non-SM properties cannot be ruled out. Assuming particle DM, invisible Higgs decays can be realized in models having interactions between the Higgs boson and dark matter, as for example, “Higgs-portal” models. This talk summarizes recent results from the CMS collaboration on invisible Higgs decays and outlines future prospects.

Primary author: MILOSEVIC, Vukasin (IHEP Beijing & University of Belgrade)

Presenter: MILOSEVIC, Vukasin (IHEP Beijing & University of Belgrade)

Session Classification: S05 High Energy Physics (Particles and Fields)

Track Classification: Scientific Sections: S05 High Energy Physics (Particles and Fields)