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Type: **Parallel session**

## Prospects for Higgs measurements and HH/HY searches at the HL-LHC with CMS

*Friday, December 1, 2023 11:00 AM (20 minutes)*

We present prospects for Higgs boson measurements at the HL-LHC with the CMS experiment. In particular we focus on resonant and non-resonant di-Higgs searches. For the case of a heavy resonance, we also cover the HL-LHC prospects for decays to a 125 GeV Higgs boson and another heavy resonance.

### You are

non-PhD student

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**Session Classification:** Parallel: Future

**Track Classification:** Future colliders and experiments (including projections)