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Searches for extended Higgs sectors and BSM decays of the Higgs boson

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with the full Run-2 dataset in hand, BSM Higgs scenarios are being more tightly squeezed than ever before. Using complimentary approaches for searches for additional Higgs bosons and non-SM decays of the Higgs bosons, BSM scenarios with extended Higgs sectors can be probed. The talk will cover searches for extended higgs sectors (additional scalars and (N)MSSM scenarios) and BSM decays of the Higgs boson ((semi)invisible and light pseudoscalars).

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