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Higgs measurements at the FCC-ee

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The future circular collider (FCC) study released a conceptual design report (CDR) in January 2019. The CDR highlights the potential for precision measurements and searches for new phenomena in the Higgs sector are among the most important goals in particle physics. Electron-positron collisions up to an energy of 365 GeV (FCC-ee) provide the ultimate precision with studies of Higgs boson couplings, mass, total width, and CP parameters, as well as searches for exotic and invisible decays.

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