

Search for the Higgs coupling to the electron with the FCC-ee

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The possibility of observation of the s-channel production $e^+e^- \rightarrow H(125)$ and thus measure the Higgs coupling to the electron at FCC-ee will be reviewed. To this effect, FCC-ee combines three unique properties: i) a high luminosity at $\sqrt{s} = 125$ GeV, ii) the possibility of monochromatization of the center-of-mass using opposite sign horizontal dispersion at the IR, and iii) the possibility to track the beam energy to high precision with resonant depolarization.

I read the instructions

Secondary track (number)

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