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Measurement of the $\sigma \times \text{BR}(H \rightarrow ZZ^*)$ at 350 GeV and 3 TeV center-of-mass energies CLIC

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CLIC is a mature option for a staged linear electron-positron collider that could run from 350 GeV up to 3 TeV center-of-mass energy. Measurements of the product of a Higgs production cross-section and branching ratio of the Higgs boson, serve as input to a global fit of Higgs properties (couplings and width) in a model-independent or model-dependent way. In this talk we present the full simulation of $\sigma \times \text{BR}(H \rightarrow ZZ^* \rightarrow q\bar{q}l^+l^-)$ measurement, at 350 GeV and 3 TeV center-of-mass energies.

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