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Higgs Branching Ratios to $c\bar{c}$ at the ILC

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Abstract content

Summary

The precise measurements of the Higgs boson properties will be very key to further understanding fundamental particle interaction. In particular study of the Higgs boson branching ratios is important in determining the Higgs couplings and nature of the Higgs (SM or Supersymmetric). Here we look at a particular decay mode and the difficulties encountered in improving precision. We also look at how detector design is affected.

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