

Precision Higgs physics at the ILC, and its impact on detector design.

Friday, July 31, 2020 8:18 AM (18 minutes)

The International Linear Collider (ILC) has the goal of providing measurements of the Higgs boson properties at the 1% level or better. To achieve this, the ILC will require detectors with excellent performance in terms of material budget, calorimetric energy resolution, heavy flavor identification, and hermeticity. This talk will describe the precision Higgs measurements possible at ILC, and the solutions to the experimental challenges provided by the ILD and SiD detector concepts.

I read the instructions

Secondary track (number)

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