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A new method to reconstruct the Higgs boson mass at the CLIC collider.

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A variety of important studies is planned at the future CLIC e+e- collider with energy up to 3 TeV. One of the studies is the precision Higgs boson mass measurement planned at the first stage of the CLIC project. The traditional method of recoil mass reconstruction was shown to be ineffective for this type of studies in the CLIC experimental conditions. Instead the new method of the Higgs reconstruction using b-quarks jet directions, proposed before for the ILC, is expected to be especially effective at the CLIC. In this talk the studies on Monte-Carlo simulation of the Higgs mass reconstruction are presented. The goal of these studies is to evaluate the expected precision of the Higgs boson mass measurement at the CLIC using the new reconstruction method.

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