

Measuring Higgs CP properties through top quark production at a photon collider

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We study effects of heavy Higgs bosons on the top-pair production process at a photon linear collider. The interference patterns between the resonant Higgs-production amplitudes and the continuum QED amplitudes are examined. The patterns tell us the CP nature of the Higgs bosons. We show that the above interference patterns of the production amplitudes can be studied by observing top decay angular distributions.

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