

ICNFP [↗](#)

CLIC physics potential

- Speaker: Lars Rickard Ström (CERN)
 - Status: Accepted (on behalf of CLICdp)
 - Abstract: The CLIC detector and physics study (CLICdp) is an international collaboration that investigates the physics potential of the Compact Linear Collider (CLIC). CLIC is a high-energy e+e- collider under development, aiming for centre-of-mass energies from a few hundred GeV to 3 TeV. In addition to physics simulations using full Monte Carlo studies including backgrounds, CLICdp performs cutting-edge hardware R&D. In this contribution CLICdp will present recent results from physics prospect studies, emphasizing Higgs studies from the soon to be published CLIC Higgs analysis overview paper, which includes direct BSM Higgs sector searches. Additionally the latest developments in vertex and tracker R&D will be presented, as well as the new CLIC detector model and new CLIC baseline staging scenario.
 - slides
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