Linear Collider Facility - Introduction and Higgs programme below the ttbar threshold

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The physics programme of linear e+e- colliders spans from the Z-Pole deep into the TeV range. Therefore, all Standard Model particles and their interactions are covered by the scientific programme of linear colliders. Beam polarisation allows for testing all aspects of the electroweak and the Higgs sector. New physics would lead to unique patterns of deviations from the Standard Model predictions. Examples are the set of couplings of Standard Model particles to the Higgs boson. At a centre of mass energy of 250 GeV coupling precisions of the order of 1% and better are achievable. This precision would confirm deviations from the standard model and allow for pinning down a concrete model. The contributions will show examples for these studies carried out in French groups.

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