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Physics at e+e-collider

Tuesday, 4 August 2020 10:00 (1 hour)

Part 1
General introduction: Why do we need new physics beyond the SM?
General introduction: processes in e+e- as a function of energy; run plan of the ILC
Higgs boson: SM predictions for the decay rates and properties – and, brief review of LHC measurements
Higgs boson: BSM effects on the Higgs couplings
Higgs boson: aspects of the experimental study in e+e-
Higgs boson: global fit of e+e- data in the context of SMEFT

Presenter: Prof. PESKIN, Michael (SLAC)

Session Classification: KEK-PH collider