Candidate HE Machines for Snowmass Study

A. The LHC with E = 14 TeV and L = 10^{34} cm^{-2} sec^{-1}

B. A luminosity upgraded LHC with: E_{cm} = 14 TeV, L = ~10^{35} $cm^{-2}s^{-1}$

C. An energy upgraded LHC

D. e+e- lepton colliders E_{cm} < ~1 TeV

E. A circular e+e- collider operating as a Higgs factory.

F. e+e- or gamma-gamma collider E_{cm} > ~1 TeV

G. A mu+mu- collider.

H. A lepton-hadron collider.

I. A VLHC hadron collider with energy well above the LHC energy.