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Simulation and Reconstruction at the CEPC

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CEPC could deliver 1 M Higgs boson and 10 Billion Z bosons in its electron-positron collision operations, and boost the precision of Higgs and EW measurements by at least one order of magnitude w.r.t the HL-LHC projection and existing EW measurements.

The Design and optimization of the CEPC detector, as well as exploration of its physics potential, requires the development of a large-scale, dedicated software package. In this talk, we are going to summarize the status and plans for the CEPC simulation/reconstruction development.

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