First steps towards a collaborative software framework for the FCC-ee simulations: A multicode comparison

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The FCC-ee project faces new challenges specific to larges scale lepton colliders, which requires new developments of simulation tools. While many different codes exist that address key aspects of the FCC-ee project, it is often complicated, if not impossible, to combine these and merge functionalities.

This talk presents a comparison and benchmarking of several optics codes for the FCC-ee, and explores the strategy to create a collaborative software framework with increased functionalities for FCC-ee simulations.

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