

The 10 TeV Wakefield Collider Design Study

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The 10 TeV Wakefield Collider Design Study responds to the P5 Report's call for the “delivery of an end-to-end design concept, including cost scales, with self-consistent parameters throughout.” The Design Study leverages recent experimental and theoretical progress that are the result of a vigorous R\&D program. Wakefield Accelerators provide ultra-high accelerating gradients which enables an upgrade path to extend the reach of Linear Collider Higgs Factories from the electroweak scale to the energy frontier. Here, we describe the organization of the Design Study including timeline and deliverables, and we detail the requirements and challenges on the path to a 10 TeV Wakefield Collider.

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