

CLIC status and outlook

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The compact linear collider study (CLIC) is aiming at delivering a conceptual design for a multi-TeV linear electron-positron collider in 2011. This concept is based on high gradient normal-conducting accelerating structures. The RF power for the acceleration of the colliding beams is produced by a novel two beams acceleration scheme, where power is extracted from a high current drive beam that runs in parallel with the main linac.

In order to establish the feasibility of this concept a number of key issues have been addressed. A short summary of the progress and status of the corresponding studies will be given, as well as an outline of the studies and work towards an implementation plan by 2016.

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