

CLIC module and impact of PACMAN on its alignment

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The CLIC two beam module will be described together with its numerous alignment constraints and tolerances dictated by beam dynamics. A pre-alignment of the a high number of comments of the order of 10 microns has to be realised for the CLIC project. In this sense the CLIC project represents a new level of requirements to accelerator alignment. The CLIC alignment strategy will be described and analysed what would be the impact of implementing PACMAN results into this or a new alignment strategy.

For a big project like CLIC not only the achieved alignment performance is essential but as well the aspects of fabrication, transport, installation, maintenance and cost have to be taken into account.

Primary author: Dr DOEBERT, Steffen (CERN)

Presenter: Dr DOEBERT, Steffen (CERN)

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