

ILC PARAMETERS RATIONALE AND CHALLENGES

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Abstract

Since the publication of the BCD (Baseline Configuration Document) in December 2005, the main target of the GDE (Global Design Effort) has been the RDR (Reference Design Report), which contains the first estimation of the cost of the collider system. Through the three meetings at Bangalore in March 2005, at Vancouver in July, and at Valencia in November, the first estimation has been completed and various efforts of cost reduction have been tried. The outline of the resulting design will be presented in the present talk together with the remaining design issues and required R&D items.

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