



Contribution ID: 22

Type: **not specified**

Failure studies at CLIC main Linac and Beam Delivery System

Wednesday 6 June 2012 17:20 (30 minutes)

The CERN TE-MPE group has the mission to develop and maintain the systems to protect machine components from damage caused by ill controlled conditions. Various failure scenarios were studied and the potential damage these failures could cause to the machine structures was estimated. First results of the beam response to kick induced failures in the main LINAC and in the beam delivery system (BDS) sections are presented together with possible collimator damage scenarios.

Presenter: MAIDANA, Carlos Omar

Session Classification: Beam loss mechanisms