

# X-Band RF Structure and Beam Dynamics Workshop - 44th ICFA Advanced Beam Dynamics Workshop

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## Drive Beam Dynamics for CLIC

*Tuesday 2 December 2008 13:40 (40 minutes)*

The CLIC Drive Beam decelerator will extract the CLIC RF-power from the 100A Drive Beam. The energy spread in the beam will be up to 90%, and the focussing and alignment systems must ensure transport of particles of all energies through the decelerator sectors, ensuring minimal losses. This presentation summarizes the current status of the beam dynamic studies of the CLIC decelerator, including the effect of wake fields, the focusing strategy, the alignment strategy and resulting static and dynamic tolerances.

**Presenter:** ADLI, Erik (European Organization for Nuclear Research (CERN))

**Session Classification:** Plenary Session (Chair R.M.Jones)