



Contribution ID: 20

Type: **Oral**

C3 Main Linac Beam Dynamics

Wednesday, 17 May 2023 10:30 (15 minutes)

A preliminary design for the main Linac for the 250 GeV center-of-mass energy version of the Cold Copper Collider (C3) is presented. This design was used to understand the beam dynamics for the C3 accelerator and specify expected alignment and vibration tolerances.

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Session Classification: Accelerator: Beam Dynamics

Track Classification: Accelerator: Beam Dynamics