EUROPEAN NETWORK FOR NOVEL ACCELERATORS

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The Cool Copper Collider

Friday, 23 September 2022 10:50 (30 minutes)

A new concept for a low cost high efficiency linear collider based on LN2 cooled copper accelerator structures will be described. The collider is expected to have a performance similar to ILC with higher gradients allowing for the potential of higher energy reach at a substantially lower cost per GeV. The R&D status, expected performance, and future plans will be described.

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