

Recent Progress on Cold Copper Technology

Monday 25 August 2025 12:00 (20 minutes)

Cold copper accelerating technology represents one of the new frontiers in normal-conducting RF research. It has enabled accelerating structures to reach record high accelerating gradients while providing overall better efficiency. In this talk we will present the latest results on cold-copper high gradient R&D activities including recent results on single-cell and meter-scale structure testing. On going work developing the integrated cryomodules for supporting and aligning structures in linear accelerators will also be presented. Efforts to utilize cold-copper technology for injectors and future colliders will also be summarized.

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