



Beam acceleration with a Nb₃Sn cryomodule at JLAB

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A CEBAF-style quarter cryomodule with two Nb₃Sn coated 5-cell CEBAF-style SRF cavities was tested successfully in the cryomodule test facility (CMTF) at JLab in 2024. Efforts continued since then toward a beam test of that cryomodule in the upgraded injector test facility (UITF) at JLab. In this talk, we will report on the beam test results and the planned future steps in further developing the Nb₃Sn cryomodule technology in support of CEBAF accelerator upgrade scenarios and other application beyond nuclear physics.

I have read and accept the Privacy Policy Statement

Yes

Footnotes

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