Contribution ID: 68 Type: not specified

Magnetic Field Limits of SRF Cavities

Wednesday, 26 August 2015 15:45 (30 minutes)

This talk will discuss the ultimate limitations for high Q0 operation of SRF cavities, including theoretical predictions and experimental measurements. Various SRF materials are considered and realistic expectations for maximum magnetic fields on the walls of the cavity are presented.

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Session Classification: Increasing Cavity Quality Factor