

## Magnetic field management for SRF

*Thursday 8 November 2018 10:30 (35 minutes)*

Magnetic field management for SRF cavities has grown in importance with recent projects desiring greater  $Q$ , implying smaller magnetic fields at the cavities. This requires cryomodules and facilities to be designed with additional measures, such as global and/or local passive magnetic shielding as well as active methods to reduce fields. I will provide a summary of these techniques as applied to the LCLS-II project.

In addition to the LCLS-II results, I shall also present techniques and results from FRIB, on behalf of Kenji Saito.

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**Session Classification:** Magnetic shielding