

## Review of magnetic flux expulsion

*Thursday, 8 November 2018 11:25 (25 minutes)*

This presentation will give an overview of magnetic flux expulsion. This will include a general description of the phenomenon and how it fits into the larger picture of  $Q_0$  degradation due to trapped flux. A historical overview will be presented, focusing particularly on recent developments in the understanding of flux expulsion. The importance of this parameter to achieve high  $Q_0$  will be highlighted. In addition, areas will be noted where understanding is lacking and additional insight is needed

**Presenter:** POSEN, Sam (Fermilab)

**Session Classification:** Flux expulsion efficiency