



Contribution ID: 37

Type: **Oral**

Magnet Measurements of the ALS-U Magnets

The Advanced Light Source (ALS) at Lawrence Berkeley National Laboratory (LBL) is going through and upgrade where the ALS triple-bend achromat is replaced by a nine-bend achromat storage ring (SR) with on-axis injection using beam swapping from a triple-bend achromat accumulator ring (AR). About 700 accelerator magnets will be used for the ALS-U accelerator systems. The talk gives an overview of the magnet measurement methods and systems used for the magnetic measurements of the ALS-U magnets.

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