6th Slow Extraction Workshop (SX 2025)



Contribution ID: 65 Type: Poster

Spill Ripple Compensation with direct field ripple measurements

Compensation AC quad has been installed in the AGS Booster at BNL to counteract measured ripples and provide smoother, more stable spills for sensitive experiments. Hardwares to provide digital control have been assembled. Signal processing and control integration is under development.

Author: TAJNE, Shruti (Brookhaven National Laboratory)

Co-authors: HO, Chung (Brookhaven National Laboratory); BAJON, Edward (Brookhaven National Lab); BROWN, Kevin (C-AD); KABIR, Latif (Brookhaven National Lab); COSTANZO, Michael (Brookhaven National Laboratory)

Presenter: TAJNE, Shruti (Brookhaven National Laboratory)