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Spill control for CNAO slow extraction 15+5'

Friday 10 November 2017 12:35 (20 minutes)

After a short overview of CNAO machine, the presentation shows how the spill is controlled during extraction: momentum-amplitude extraction, HEBT chopper, RF phase jump, Empty bucket channelling, Empty sweeping Bucket channelling, Air core quad feedback.

Each topic is first presented under the theoretical point of view, then the results in CNAO machine are shown.

Presenter: L. FALBO

Session Classification: Session 3: Beam quality and improving spill structure