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Diagnostic Contributions to the Commissioning of SLS 2.0

Monday 8 September 2025 16:00 (2 hours)

In January 2025, beam was first stored in the SLS 2.0, and by April 2025, the milestone of a 400 mA beam was reached. A variety of diagnostics were utilized to reach these milestones; for example, charge, current and loss monitors for minimizing losses and optimizing transmission and injection efficiency, polarized visible light for vertical beam size measurement, and more. This paper will highlight the contributions of the various diagnostics to the machine commissioning process.

Footnotes

Funding Agency

I have read and accept the Conference Policies

Yes

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