



Contribution ID: 283 Contribution code: FRXN1

Type: Invited Oral Presentation

Beam instrumentation for advancing accelerators

Friday, 24 May 2024 09:00 (30 minutes)

Beam instrumentation is of critical importance for the operation and optimization of modern particle accelerators. With advancing accelerator technology and the increasing requirements for higher quality beams, it is an ever-present challenge that beam diagnostics must similarly progress. In this talk the instrumentation considered most impactful for the progress of 4th generation storage ring light sources is presented with reference to possible lessons learned, applicability to other accelerators and potential future directions.

Footnotes

Funding Agency

Paper preparation format

Region represented

Europe

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Session Classification: FRXN: Beam Instrumentation, Controls, Feedback and Operational Aspects (Invited)

Track Classification: MC6: Beam Instrumentation, Controls, Feedback, and Operational Aspects: MC6.T03 Beam Diagnostics and Instrumentation