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New Bunch-by-Bunch acquisition system on the ESRF Storage Ring and the Booster

Tuesday, 10 September 2024 16:00 (1h 30m)

Four units of a new Bunch-by-Bunch RF acquisition system are installed on BPM buttons & strip-lines of both the ESRF Storage Ring and the Booster. Each system has 4 independent channels and specific internal data processing that offers a high resolution measurement of both the beam position and charge, and this of each individual electron bunch. The applied systems will be described in their functionality and obtained results will be shown.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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