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## Plans for an Upgrade of BPMs and Orbit Feedbacks in BESSY II

*Tuesday 20 June 2023 15:00 (30 minutes)*

The original BPMs in BESSY II with 25 year operational use will be upgraded to Libera Spark. In a first stage we plan for a seamless exchange of BPMs in small sets, ensuring continuous operation with the existing SOFB and FOFB systems while enabling short upgrade periods. In a second stage, we plan to migrate the SOFB and FOFB systems. At this stage we will be able to increase the data rates for the SOFB and display from currently 0.5 Hz to 10 Hz, and for the FOFB system from 150 Hz to 10 kHz.

### Summary

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