

First Beam Commissioning Experience with the RF System-on-Chip Based SLS 2.0 Filling Pattern and Multi-Bunch Feedback

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For the new SLS 2.0 storage ring, we have replaced the SLS 1.0 filling pattern feedback (FPFB) and multi-bunch feedback (MBFB) systems with newly developed systems that deploy RF System-on-Chip (RFSoc) technology for data conversion, signal processing, communication and control system integration. In this contribution, the status and first beam commissioning experience will be presented.

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