

Overview of Diagnostics for SLS2.0

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In 2023-2024, the SLS storage ring will be upgraded for significantly higher brightness and coherence. The upgrade will require similar diagnostics systems to those already implemented for the current SLS operation. However, the number of devices, their specifications and their technical realizations have to be adapted to the specific requirements of SLS2.0, and the newly available technologies and standardization at PSI. This talk will provide an overview on the design, technical specifications and implementation of the diagnostic systems (excluding BPMs), which are specific to the upgrade.

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