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Operation Reliability of SSRF in the Last Operation Season and upgrade plan at SSRF

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The Shanghai Synchrotron Radiation Facility (SSRF) has opened to user for eight years, and the performance has been improved continuously to satisfy the users' needs. The operation performance and the reliability of SSRF have been kept in high level to provide users sufficient and stable synchrotron radiation laser. The report will focus on the operation performance of SSRF in last operation season, and the analysis of reliability is also shown in the report. In addition, the upgrade program of SSRF accelerator will be brief introduced in the report, including superbend, double-waist lattice, and electric power stabilization, the phase II beamline project with more than 20 new beamlines will be constructed with next 5 years.

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