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## Summary of the operation of CSNS accelerator since its official opening in past five years

*Thursday, 23 May 2024 16:00 (2 hours)*

China Spallation Neutron Source (CSNS) is a large-scale scientific research facility located in Dongguan, China. It is a pulsed neutron source that uses a proton accelerator to produce neutrons, which are then used to study the structure and properties of materials at the atomic and molecular level. Since its opening, CSNS has steadily improved its operation efficiency and beam power year by year. In particular, during the 2021-2022 operating year, the beam supply time and efficiency reached their highest levels, and was also the advanced level of similar facilities. This poster will present the operational status of the CSNS accelerator over the past five years, as well as the issues encountered and some of the measures taken to improve beam supply efficiency and reliability.

### Footnotes

### Funding Agency

### Paper preparation format

Word

### Region represented

Asia

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