

# Breaking through 100 mA H- ion source output current at SNS

*Monday 26 August 2024 11:00 (30 minutes)*

The performance of the SNS H- ion source has been improved over many years with a primary emphasis on extending its operational lifetime and enhancing its reliability. Recent research and development efforts have resulted in a significant boost in the output beam current, increasing from the existing capability of ~60 mA to more than 100 mA. This talk will discuss the advancements in design and diagnostics that have contributed to the performance elevation of the SNS H- ion source.

## Footnotes

## Funding Agency

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