

# INFN LASA in-kind contribution to ESS ERIC project

*Tuesday 27 August 2024 16:00 (2 hours)*

INFN Milano - LASA recently concluded its in-kind contribution to European Spallation Source Eric, providing the 36 Superconducting Medium Beta cavities that will allow boosting the proton beam energy from 216 MeV to 571 MeV. The performances of the last four cavities, treated with Electro-Polishing as main removal step, are presented and compared with the results obtained on the remaining cavities treated with Buffered Chemical Polishing. The overall performance of the 36 cavities and lessons learned during the cavities production stages are also discussed.

## Footnotes

## Funding Agency

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**Session Classification:** Tuesday Poster Session

**Track Classification:** MC3: Proton and Ion Accelerators and Applications: MC3.4 Proton linac projects