



Design, fabrication, assembling and testing of QWR/HWR cryomodules for HIAF project

Tuesday 23 September 2025 14:30 (3 hours)

The QWR/HWR cavity cryomodules have been designed for High Intensity heavy-ion Accelerator Facility (HIAF) at the Institute of Modern Physics (IMP) of the Chinese Academy of Science (CAS). There are 17 cryomodules operating at 2 K&3130 Pa of HIAF linac, which consist of 6 QWR007 cryomodules and 11 HWR015 cryomodules, respectively. These cryomodules are being processed in the vendor currently. And the first cryomodule has completed horizontal testing in July 2024. This paper will report the design, fabrication, assembling and testing of the cryomodule for HIAF project.

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Footnotes

Funding Agency

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Session Classification: Tuesday Poster Session

Track Classification: MC4: SRF Technologies