

# 11th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity - TFSRF2024



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## Development of 1.3 GHz Cavity Test Facilities

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At Daresbury Laboratory, two new cryogenic facilities have been designed, built and tested for RF testing of 1.3 GHz thin film coated cavities. The first facility is a high power vertical test stand that has been designed to test both single-cell and multi-cell cavities in LHe at 2 and 4.2 K. The advantage of this facility is that it will be operating in the SuRF lab facility that is already equipped with all necessary infrastructure (RF, cryogenic, vacuum, clean room, HPR, trained staff). However, this facility is shared with other projects, limiting the number of tests per year.

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