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**A RELIABLE COAXIAL FEEDTHROUGH TO AVOID BREAKDOWN IN
VERTICAL TEST FACILITIES FOR SC CAVITY MEASUREMENTS**

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Abstract

A common problem during the RF SC cavity tests in vertical cryostats is the breaking of coaxial feedthroughs due to sparking between the outer and inner coaxials. This paper shows a method to overcome this problem, together with the procedure employed to build the coaxial cable RF feedthrough.

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