

26th National Symposium on Cryogenics and Superconductivity

Contribution ID : 171

Invited Talk-IT: 'Design and development status of low-beta 650 MHz Superconducting RF Cavity''

Friday 24 Feb 2017 at 10:15 (00h30')

Content :

VECC has been involved in the design and development of 650 MHz, beta 0.61, superconducting RF cavity, which is a part of R activities under Indian Institutions Fermilab Collaboration (IIFC) and also for accelerator programmes of DAE as well. In this talk, the design, development and cold testing of single-cell niobium cavity at 2K will be discussed. Also the design status of 5-cell SRF cavity will be discussed.

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