



Contribution ID: 26

Type: **not specified**

Low beta cavities

Thursday 22 June 2023 12:00 (1 hour)

The contribution is on issues being especially related to normal conducting cavities operating at non-relativistic beam energies. Various types of cavities are introduced w.r.t. their operation mode, application, pros, and cons. Special emphasis is put on their production and the challenges along the way from finalised RF design up to the operating cavity. This covers the choice of material, production, tolerances, alignment, cooling, and the demanding task of copper plating. The contribution closes with some remarks on RF commissioning and -conditioning.

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