



Contribution ID: 79

Type: **not specified**

Cavity Engineering & Fabrication at CERN

Wednesday, 30 June 2021 09:20 (20 minutes)

Several projects at CERN require developments of new or spare superconducting RF cavities, for the LHC consolidation, the LHC High Luminosity upgrade (HL-LHC) and the Future Circular Collider (FCC) studies. CERN has in recent years increased its effort into SRF technologies R&D as well as the related infrastructure. From highly technical design and fabrication engineering support to prototyping/developments and on-going manufacturing collaboration. Nowadays, complex metal components utilizing state-of-the-art metal fabrication technologies, including shaping, machining and assembly via electron beam welding has been manufactured and its related technologies has been deployed.

Primary author: ATIEH, Said (CERN)

Presenter: ATIEH, Said (CERN)

Session Classification: SRF

Track Classification: Accelerators: SRF