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Hydroforming Elliptical SRF Cavities : Studies on 1.3 GHz and Beyond

Wednesday 30 June 2021 09:00 (20 minutes)

The Hydroforming process is a well-established acquaintance in the SRF world. Recently, progress has been performed in the ability to better tune such process; namely through enhanced quality of the inherent fabrication processes, and through the implementation of large deformation numerical analyses for a finer definition of process parameters.

Presentation will focus on the ongoing analyses and on the process definition, for eventual production of cavities in the 1.3GHz to 400MHz range

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