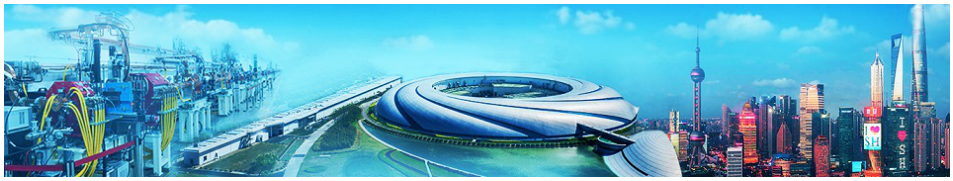

Contribution ID: **25** Type: **not specified**

Development of automated RF conditioning on CLARA

Tuesday 5 June 2018 14:25 (25 minutes)

The new 400 Hz 120 MV/m photoinjector for CLARA will soon be conditioned. An automated RF conditioning program has been developed to perform the conditioning repeatably and with the minimum possible damage to the cavity. The program has been tested when re-conditioning on the current photoinjector, as well as on the first travelling wave linac. Conditioning method;differences for travelling and standing wave structures; difficulties and interesting phenomena are all discussed.

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