

LLRF: A History

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Low level Radio Frequency (LLRF) control systems have been used for a long time and while their purpose has not changed greatly over time their architecture has. This paper will highlight the history of RF systems from the past looking toward the future, covering the initial systems where controls have been extremely crude to the modern digital controls systems used to maintain the tight amplitude and phase requirements needed in today's systems. This is planned to be presented as an entertaining talk showing some of the highlights of the LLRF history.

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