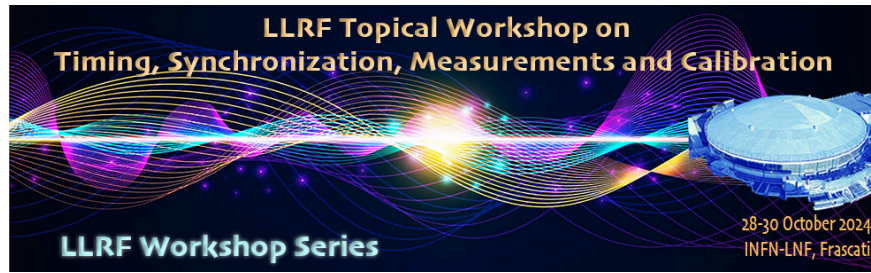


## LLRF Topical Workshop - Timing, Synchronization, Measurements and Calibration



Contribution ID: 38

Type: **Oral**

# Beam-based gradient calibration at FLASH and EuXFEL

*Tuesday, 29 October 2024 12:55 (25 minutes)*

Based on beam-induced transients observed in open loop, cavity gradients are routinely calibrated at the FLASH and European XFEL accelerators. The method used to perform this beam-based calibration, its accuracy and limitation are presented. The tools developed over the years to support and automate this task are also presented.

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