

## MTCA applications at HZDR

*Thursday 12 December 2024 09:00 (15 minutes)*

The superconducting electron accelerator ELBE at HZDR is migrating machines systems to the MTCA platform for many years now. Partially to replace obsolete hardware, partially to integrate new beam diagnostics and features to the accelerator. The contribution will show the implementation of LLRF systems, bunch arrival time monitors, longitudinal beam-based feedback and timing system. It will give insights into the hardware used, firmware and server applications.

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**Session Classification:** Session 7