Contribution ID: **35**   Type: **Oral**

Magnetic Measurement Framework for Fully Traceable Measurements

Magnetic measurements rely on a wide range of measurement setups, sensors, actuators, and postprocessing steps. This requires a software framework to manage not only data acquisition but also persistent storage, asset management of sensors (including calibration data), and traceability of measurement results and reports. In this contribution, we present the software used in the TE-MSC-TM section at CERN and show how it supports test engineers and operators in writing reusable measurement applications and creating traceable results from acquisition to measurement reports.

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