

## **Short Bio of Melvin Liebsch**

Melvin Liebsch received his PhD in Electrical Engineering in 2022 from the Technical University of Darmstadt. During his PhD he worked in the testing and measurement section (TE-MSC-TM), at the European Organization for Nuclear Research (CERN).

In this time, he was developing approaches for the calibration, sensor design, fiducialization and metrological characterization of a new three axis mapper system. He also developed several methods for the model-based, three-dimensional field reconstruction from various sensor systems, including Hall sensors but also rotating and translating induction coil systems.

Melvin Liebsch is still working as a research fellow at the testing and measurement section at CERN, where he is performing and analysing magnetic measurements of superconducting accelerator magnets.