

Commissioning of the Muon Forward Tracker for ALICE upgrade

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The Muon Forward Tracker (MFT) is being added to the ALICE detector system as a part of undergoing major upgrades during Long Shutdown 2

at the LHC. The MFT is a new tracking detector using the ALPIDE silicon chips common for the Inner Tracking System as the active detection element.

My work is dedicated to the commissioning of the MFT. The MFT consists of 10 half-disks composed of ladders containing the ALPIDE sensors. The procedures used for qualification of the ladders are described along with quantitative analysis of the qualification results aiming at a better understanding of the detector performance.

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