

Experiments at MAMI/MESA

Wednesday, 24 September 2025 10:30 (30 minutes)

This talk will present the current status of experiments using polarized electrons at the accelerator facilities MAMI and MESA in Mainz. A particular focus will be on the P2 experiment, which aims to precisely determine the weak mixing angle at low momentum transfer. This measurement provides a stringent test of the Standard Model and offers sensitivity to potential new physics at energy scales up to approximately 50 TeV.

Primary author: BAUNACK, Sebastian (JGU Mainz)

Presenter: BAUNACK, Sebastian (JGU Mainz)

Session Classification: Low energy spin physics with lepton, photon and hadron probes

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