New Results from the MEG Experiment

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The goal of the MEG experiment (Paul Scherrer Institute, Switzerland) is to search for the lepton flavor violating decay mu->e+gamma with a sensitivity of 10^-13 in branching ratio. The photons are detected by the world's largest liquid Xenon scintillation detector. To achieve high-precision measurements of the photon properties (timing, position and energy) and to ensure a long-term operation of the detector at high performance, the calibration of the photon detector as well as its monitoring is crucial. An overview about the current established photon detector calibration methods as well as new results from the MEG experiment are presented.