



FZU

Institute of Physics
of the Czech
Academy of Sciences

Invitation

to the seminar of Division of Elementary Particle Physics of the
Institute of Physics of the Czech Academy of Sciences



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Anomalous magnetic moments of leptons

Abstract: One of QED's significant triumphs was Schwinger's prediction of the anomalous magnetic moment of leptons. Nowadays, the electron $g-2$ is predicted and measured with a precision of one part in ten trillion. From the new physics point of view, the anomalous magnetic moment of the muon remains the most promising observable, and there was huge excitement about the first results of the Muon $g-2$ experiment in Fermilab. The LHC has entered the era of tau $g-2$ measurements thanks to virtual photon collisions. This talk will summarize the current status of the lepton $g-2$ measurements and briefly mention the SM predictions.

When: Thursday, September 26, 2024 at 2PM

Where: Dvořák hall, FZU, Pod Vodárenskou věží 1, Prague

For more information, please see <https://indico.fzu.cz/event/259/>