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Wilson fermions at fine lattice spacings: scale setting, pion form factors and $(g-2)$

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We present an update on our on-going project to compute hadronic observables for $N_f=2$ flavours of $O(a)$ improved Wilson fermions at small lattice spacings. The procedure to determine the lattice scale via the mass of the Omega baryon is described. Furthermore we present preliminary results for the pion form factor computed using twisted boundary conditions, as well as for the contribution of hadronic vacuum polarisation to the anomalous magnetic moment of the muon.

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talk

Primary author: WITTIG, Hartmut (University of Mainz)

Co-authors: Dr JÜTTNER, Andreas (CERN); Mr BRANDT, Bastian (University of Mainz); Mr KNIPPSCHILD, Bastian (University of Mainz); Mr JÄGER, Benjamin (University of Mainz); Dr DJUKANOVIC, Dalibor (University of Mainz); Dr VON HIPPEL, Georg (University of Mainz); Prof. MEYER, Harvey (University of Mainz); Dr DELLA MORTE, Michele (University of Mainz); Dr CAPITANI, Stefano (University of Mainz)

Presenter: WITTIG, Hartmut (University of Mainz)

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