

## Form factor calculations for mesonic and baryonic systems

*Monday 2 August 2010 11:30 (30 minutes)*

I report on an on-going project based on simulations with  $N_f=2$  flavours of  $O(a)$  improved Wilson fermions. The main focus is on precision determinations of the pion form factor using twisted boundary conditions. I also describe our efforts to control a variety of systematic uncertainty in calculations of nucleon form factors. Finally, I present some lattice results for the hadronic vacuum polarisation contribution to the muon's anomalous magnetic moment.

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