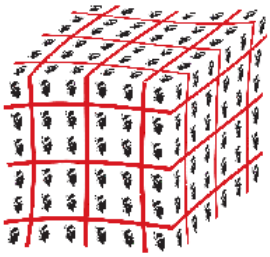

Contribution ID: **304** Type: **not specified**

Magnetic Moments of Negative-Parity Baryons from Lattice QCD

Tuesday, 15 June 2010 15:50 (20 minutes)

We compute the magnetic moments of negative-parity baryons in the background field method. They are extracted from small mass shifts caused by external magnetic fields introduced on the lattice. The calculations are done on quenched configurations using standard Wilson actions, with pion masses down to about 500 MeV, several field strengths, and high statistics. For comparison purposes, we also extract the magnetic moments of their positive-parity counterparts.

Please, insert your presentation type (talk, poster)

talk

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Session Classification: Parallel 25: Hadronic structure and interactions

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