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## **Autocorrelations in Hybrid Monte Carlo Simulations**

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Simulations of QCD suffer from severe critical slowing down towards the continuum limit. This problem is known to be prominent in the topological charge, however, all observables are affected to various degree by these slow modes in the Monte Carlo evolution. We investigate the slowing down in high statistics quenched and dynamical fermion simulations and propose a new error analysis method, which gives a realistic estimate of the contribution of the slow modes to the errors.

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talk

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