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Type: **Parallel Talk**

QED in external EM fields

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We simulate lattice QED in (strong) external electromagnetic fields using techniques developed for simulating lattice QCD. We are currently simulating lattice QED in constant external magnetic fields to observe the chiral symmetry breaking predicted by Schwinger-Dyson studies. Difficulties in extending these studies to include external electric fields are discussed.

Topical area

Theoretical Developments

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Session Classification: Theoretical Developments