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Type: **Talk**

Renormalization group on tensor networks

Saturday 8 November 2025 10:00 (30 minutes)

Tensor networks provide novel formulations of lattice field theories, which in turn enable the development of practically efficient renormalization group methods. Unlike conventional Monte Carlo methods, tensor networks are free from the sign problem in principle and can be straightforwardly extended to fermionic systems. We present recent progress in these formulations and numerical renormalization group methods, and discuss the roadmap toward their application to QCD.

Parallel Session (for talks only)

Plenary talk

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Session Classification: Plenary session