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## Quantum tomography at colliders

Saturday, 26 April 2025 08:45 (30 minutes)

Particle colliders provide rich quantum systems for quantum information studies. Reconstructing the density matrix, known as quantum tomography, is the first step to studying quantum information at colliders. In this talk, I will revisit the recent developments of quantum tomography in different systems, including the spin states of massive or massless fermion pairs, and the flavor states of neutral meson pairs.

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