Abstract Submitted
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Transition form factors via lattice QCD RAUL BRICENO, Thomas Jefferson National Accelerator Facility — Lattice QCD has proven to be a fully predictive tool for studying low-energy hadronic physics directly from QCD. There are a number of matrix elements involving hadronic two-body initial and/or final states for which a lattice QCD calculation would lead to significant advancement for nuclear and particle physics, e.g., parity violation in the nuclear sector. In this talk I address challenges associated with studying observables for processes involving two particles or more, and I present a framework for studying one-to-two transition form factors.

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