

Quantum computing for nuclear physics

Thursday, 12 October 2023 10:00 (35 minutes)

With the recent experimental realization of quantum computing devices containing tens to hundreds of qubits and fully controllable operations, the theoretical effort in designing efficient quantum algorithms for a variety of problems has seen a tremendous growth worldwide. In this talk I will discuss the potential impact of quantum computing for application in nuclear physics and present some recent result of quantum simulations for simple nuclear models on current generation devices.

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