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Fermionic Systems and Quantum Computing

Friday, 14 September 2018 11:25 (40 minutes)

In this talk I will review methods for simulating fermionic systems on quantum computers, present ideas on how quantum resources can be optimized, and how to deal with noise rates in current quantum processors. I will then demonstrate the capability of the IBM open-access software Qiskit Aqua, a full-stack quantum computing framework.

Presenter: Dr MEZZACAPO, Antonio (IBM)

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