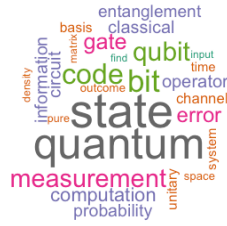


Near-term Applications of Quantum Computing



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Quantum Computing Testbed Approaches

Wednesday, 6 December 2017 09:00 (1 hour)

Until recently, the term “applied quantum computing” was best used as an answer to the question “What is a good example of an oxymoron?” Now, however, quantum computing hardware with significant capabilities is on the very near horizon. I describe how we at Fermilab are taking a testbed the topic of applied quantum computing. Even though the killer application for quantum computing in high energy physics has yet to be developed, I describe the steps we are taking toward identifying and implementing quantum solutions to high energy physics problems.

Presenter: Dr AMUNDSON, James (Fermilab)