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Beyond NISQ / Toward FTQC Panel Discussion

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Abstract

While we are about to enter the era of quantum computers with a few hundreds of qubits with Noisy Intermediate-Scale Quantum (NISQ) technology, it is also necessary to endeavor after fault-tolerant (FT) architecture in order to build a quantum computer of much larger scale and to benefit from the full potential of quantum computation. The panel will discuss future directions of research to achieve such a goal of FTQC technology.