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J4Or1A-01: [Invited] Goldeneye - Large Scale Cryogenics for Next Generation of Superconducting-Based Quantum Computers.

Thursday 13 July 2023 10:00 (30 minutes)

Quantum computing is a fast-developing field pursued by many academic groups as well as industry R&D centers. I will give a short overview of the current state-of-the-art superconducting qubit-based quantum computing efforts at IBM using our Condor quantum processor development as an example, followed by revealing glimpse of project Goldeneye - the first quantum-ready large cryogenic concept system to support Condor-like quantum processors.

Author: GUMANN, Pat (IBM)

Presenter: GUMANN, Pat (IBM)

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