

## **The CERN Quantum Technology Initiative: Supporting HEP Research and Collaboration**

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Abstract:

Quantum technology in general and quantum computing in particular have seen a rapid acceleration in development and applications in the past couple of years. Although the technology is at its beginning, it has great potential interest in High-Energy Physics research and engineering applications. CERN has recently started an investigation of the state-of-the-art of quantum technologies and a series of pilot projects to assess such potential. This talk gives an overview of the activities so far, the possible applications and the future plans for research, education and collaboration.