

# Superconducting quantum bits at underground facilities

*Tuesday 11 May 2021 11:00 (20 minutes)*

Superconducting circuits are emerging among the leading technologies to develop quantum processors. There are increasing evidences that a low-radioactivity environment could largely benefit next-generation quantum bits both in terms of coherence time and quantum error correction protocols. In this talk I will review the status and perspectives of the studies relating radioactivity to quantum bits.

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