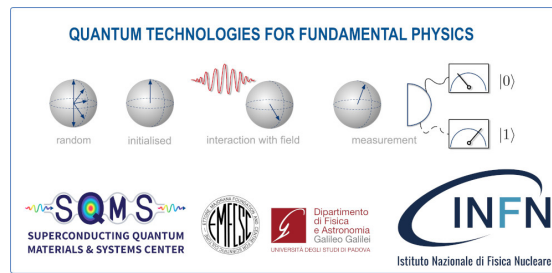


Quantum Technologies for Fundamental Physics



ID contributo: 51

Tipo: non specificato

Quantum sensing applied to dark matter search

lunedì 4 settembre 2023 15:20 (20 minuti)

I will summarize recent proposals of applying quantum sensing technology, such as squeezing, entanglement and transduction to dark matter search. The sensing platform includes microwave cavities and optomechanical sensors.

Relatore: ZHUANG, Quntao (USC)

Classifica Sessioni: Quantum Networks and Testbeds