

Silicon On Insulator CNOT gate

Thursday, 6 February 2025 09:30 (15 minutes)

The research in linear optics quantum computing aims to optimize a Silicon Photonic Integrated Circuit, focusing on the universal two-qubit Controlled-NOT gate prototype, which operates on a linear, coincidence basis with single-photon inputs.

Presenter: DAO, Thu Ha (INFN Roma 2)

Session Classification: Sessioni parallele

Track Classification: A6.2 Photons