

# Silicon Photonic Integrated Circuit for Linear Optics Quantum Computing

*Tuesday, 16 January 2024 09:30 (15 minutes)*

In Linear Optics Quantum Computing, the research 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.

<https://drive.google.com/open?id=1KQUxgrPyyXXEi3nWbmdir-Ciyh2fQKBd>

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**Session Classification:** Sessioni parallele