

Integration of overlap Al/Al-Ox/Al Josephson junctions in superconducting quantum circuits: from transmon qubits to novel devices

Thursday, 6 February 2025 12:45 (15 minutes)

We developed scalable, state of the art overlap Al/Al-Ox/Al Josephson junctions for quantum applications, including transmon qubits and a novel cryogenic on-chip microwave frequency shifter.

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