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## Development and Analysis of Transmon Qubits: Design, Simulation, and Characterization

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

We investigated simulation techniques for superconducting transmon qubits, comparing their predictions with experimental results. The promising agreement observed highlights the potential of these methods to guide the design of qubits for quantum sensing applications.

Presenter: LABRANCA, Danilo (UNIMIB)
Session Classification: Sessioni parallele

**Track Classification:** A6.3 Electrons