

ICAP2022

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Experimental Quantum Control on IBM Quantum System

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In resonance, pulse shapes have no effect on the population transfer; nevertheless, they affect the resonance response curves of the qubit. In this work, the experimental response curves of various pulse shapes were validated against the theoretical predictions. Furthermore, the effects of symmetrical cropping of the Lorentzian function at different heights were examined, using one of the open-access back-end IBM quantum processors.

Presenter name

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How will you attend ICAP-27?

I am planning on in-person attendance

online poster URL

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