

#### 4 Critical Quantum Hardware Videos – Explanation of the Physical System

Inside a Quantum Computer! with Andrea Morello -

[https://youtu.be/k\\_QeSOIDiEM?si=M1-GYha-9GuKNYLL](https://youtu.be/k_QeSOIDiEM?si=M1-GYha-9GuKNYLL)

Build Your Own Quantum Computer @ Home, Yann Allain -

[https://media.ccc.de/v/36c3-10808-build\\_you\\_own\\_quantum\\_computer\\_home\\_-\\_99\\_of\\_discount\\_-\\_hacker\\_style#t=1105](https://media.ccc.de/v/36c3-10808-build_you_own_quantum_computer_home_-_99_of_discount_-_hacker_style#t=1105)

Superconducting Qubits for Analogue Quantum Simulation, Gerhard Kirchmair -

<https://youtu.be/BAt2PFVQE3w?si=044mUesj0tcRSO19>

Quantum Control Technologies: Pulses for Quantum Control, Prof. Christian Kurtsiefer

- <https://youtu.be/1S0EAnooQMc?si=Cjh1tpPrmBYW-sm4>