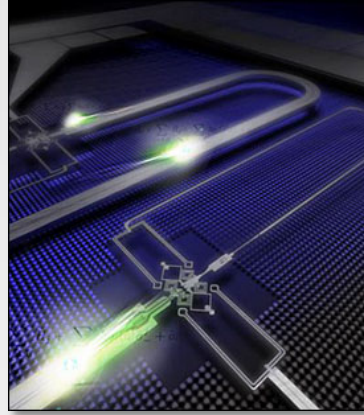
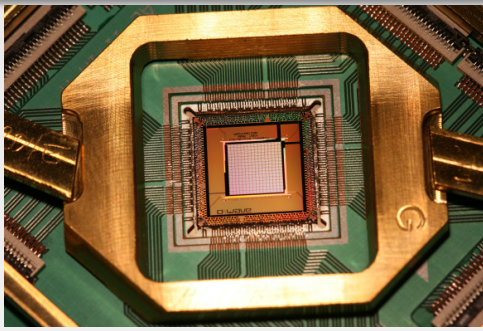
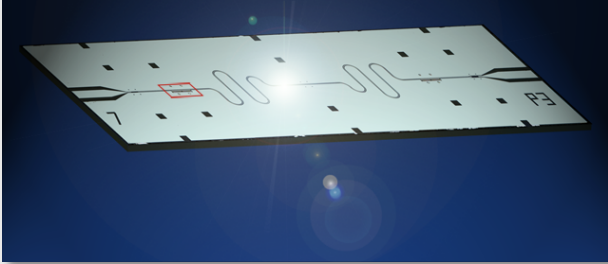


Lecture 141.A55

Quantum Information with Solid-State Devices

Dr. Johannes Majer



Do you want to understand how Google's (D-Wave) quantum computer works?
Or how quantum information is processed in a diamond?

This lecture will give an in depth introduction into the Physics of Quantum Information with Solid-State Devices.

The topics covered in the course include:

Qubits, superconducting quantum circuits, microwave resonators, circuitQED, nitrogen color center in diamond.

The lecture will be given in connection with the Solids4Fun the CoQuS doctoral program.

For more information, please contact: johannes.majer@tuwien.ac.at
or <http://majer.ch/qiss>

