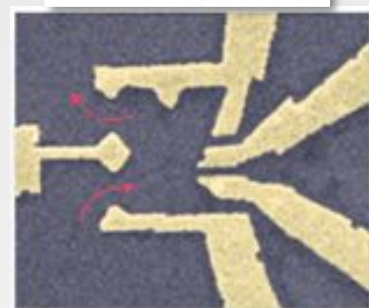
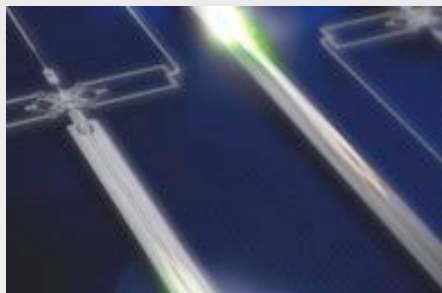
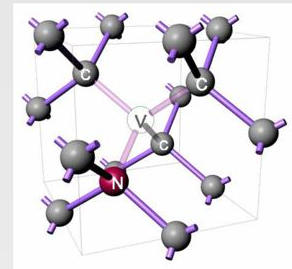
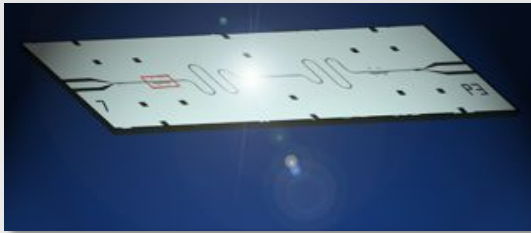


Lecture 141.246

Quantum Information with Solid-state Devices

Dr. Johannes Majer (Prof. J. Schmiedmayer)



Time: Monday 15.00-17.00, Sitzungszimmer 5.OG/Turm C(rot)/
TU Wien, Freihaus (starting 8.3.2010)

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, semiconductor quantumdots, nitrogen color center in diamond.

The lecture will be given in connection with the CoQuS and the FunMat Doktorandenkolleg.

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