

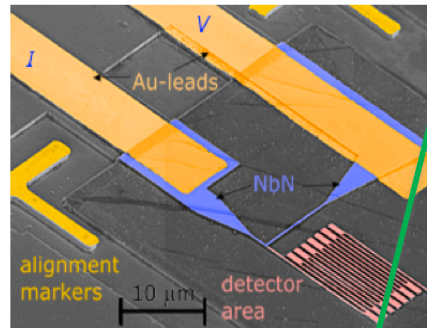
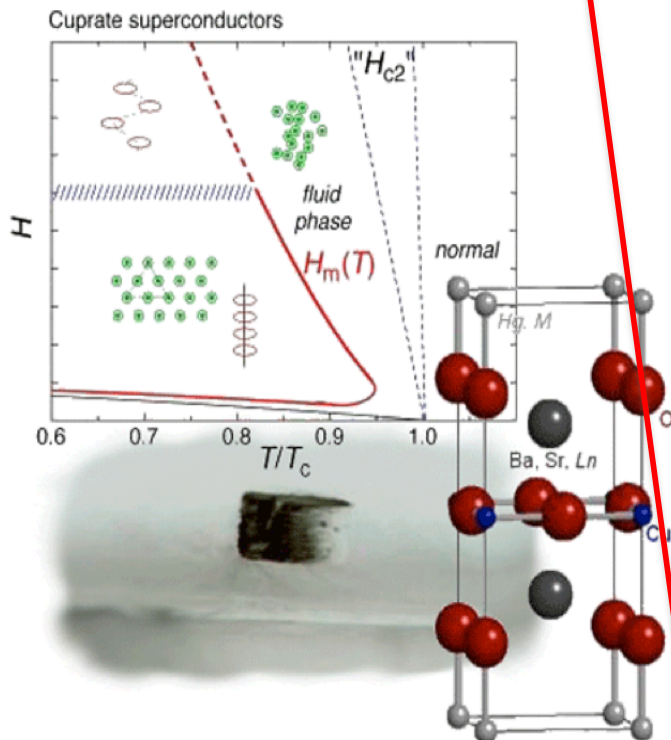


Phase Transitions, Materials and Applications

Prof. Andreas Schilling

Research Group of Prof. A. Schilling

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Possible Bachelor/Master's theses in:

Superconducting nanostructured ultrafast single-photon detectors for visible light, infrared and X-ray photons: *New design, new materials, new approaches*
 Studies on narrow superconducting bridges
(Bachelor and Master's level)

Transport properties of high-temperature superconductors under the influence of Irradiation: *does T_c change?*
(Master's level)

Synthesis of new materials:
search for new superconductors
(Bachelor level)

Please consult our webpage ("**research**") and **previous bachelor and master theses** on <https://www.physik.uzh.ch/groups/schilling/bama.html> for inspirations, and make your own suggestions!