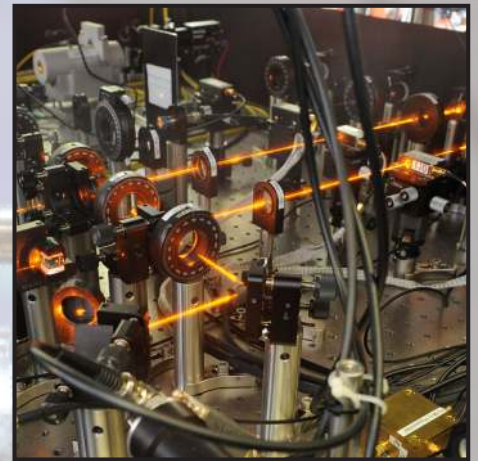
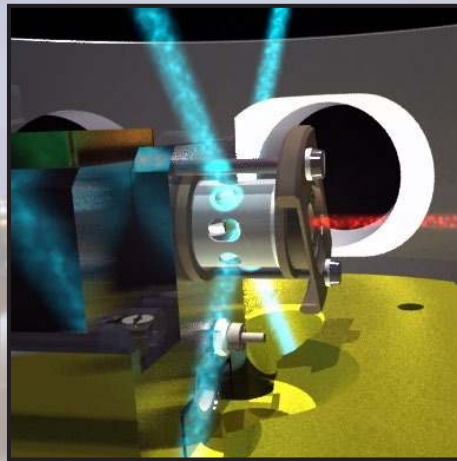


PhD Position

Single-Atom Cavity QED (Experimental Physics/Quantum Optics)



A single atom strongly coupled to a single mode of an optical resonator is a textbook example of fundamental light-matter interaction that we investigate experimentally. It allows us to observe quantum effects like photon blockade or the emission of non-classical states of light.

Your work in our team will involve many aspects of quantum optics, e.g. quantized light fields, optical resonators, electromagnetically induced transparency, photon-photon correlations, laser cooling and trapping techniques, and single atom imaging.

Contact:

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