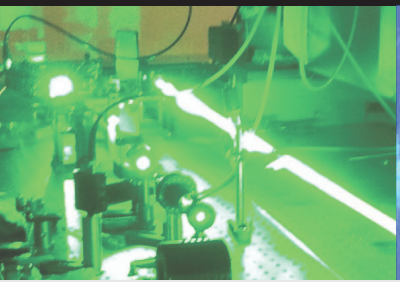
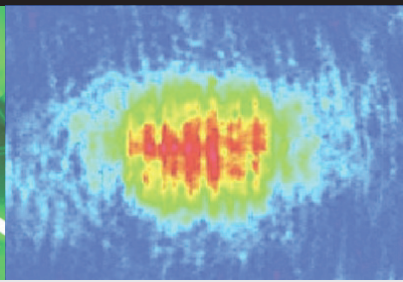
Joint UoC/FORTH AMO Seminar





Cold atoms meet flux quanta and microwave cavities

Prof. József Fortágh - University of Tübingen

Coupling ultra-cold atoms and superconductors promises novel quantum interfaces where quantum states of electronic or magnetic degrees of freedom may be coherently transferred from one system to the other. I present experimental results on the interaction of ultra-cold atomic clouds with superconducting circuits and discuss the perspectives for quantum information processing.

October 11 2017, 16:30, Physics Department 3rd Floor Seminar Room