

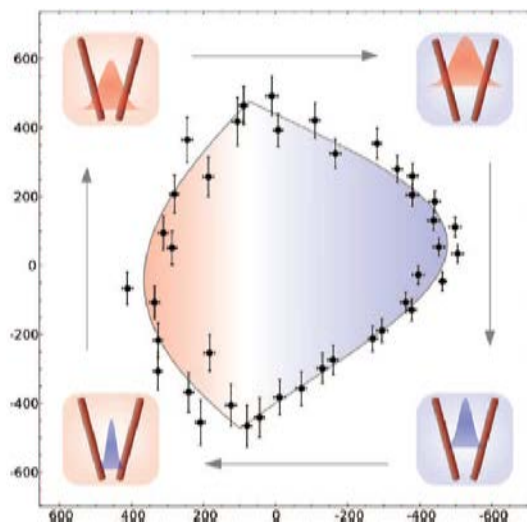
Einladung
zum
Physikalischen Kolloquium
Montag, 13.11.2017
16:15 Uhr in N24/H13



Professor Dr. Eric Lutz
Professor of Theoretical Physics
Department of Physics
University of Erlangen-Nuremberg

A single atom heat engine

We review the miniaturization of heat engines towards the nanoscale. We discuss in detail the experimental realization of a single atom engine using an ultracold trapped ion coupled to engineered reservoirs. We further address the question of how to enter the quantum regime and exploit quantum effects to enhance the performance of the machine.



Ab 16.00 Uhr Kaffee, Tee und Kekse vor dem Hörsaal H13

Organisation: Prof. Dr. F. Jelezko, Tel. 23750

Host: Prof. Dr. J. Ankerhold, Tel. 22831, Dr. B. Kubala, 22873, off.: 22830