

Physikalisches Kolloquium

A single atom heat engine

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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.

Der Gast wird betreut von Herrn Prof. Dr. A. Widera

Gäste sind herzlich willkommen

Kaffeeauschank ab 17:00 Uhr

Montag, 12.06.2017, 17:15 Uhr

Gebäude 46, Hörsaal 270