

Theoriekolloquium

Am **03.06.2010** um **14.15 Uhr** in **W2 1-143** hält

Herr Prof. Dr. R. Kawai (University of Alabama)

einen Vortrag mit dem Titel

Quantum-dot Carnot engine at maximum power

We evaluate the efficiency at maximum power of a quantum-dot Carnot heat engine. The universal value of the coefficients at the linear and quadratic order in the temperature gradient are reproduced. Curzon-Ahlborn efficiency is recovered in the limit of weak dissipation. We discuss a general picture of Curzon-Ahlborn efficiency based on the weak dissipation limit beyond the present model.

Interessierte sind herzlich eingeladen.

gez. Prof. Dr. Andreas Engel