Institut für Physik

Theoriekolloquium

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Am **20. Oktober 2016** um **14.15 Uhr** in **W2 1-143** hält

Herr Dr. Karel Proesman (Hasselt)

einen Vortrag mit dem Titel

A Brownian duet

We show how the existing theory of linear irreversible thermodynamics can be extended to time-dependent systems. The (asymmetric) Onsager coefficients are calculated. We derive trade-off relations between power, efficiency and dissipation. The stochastic efficiency of an isothermal engine is expressed in terms of the Onsager coefficients. All the results are experimentally verified on a periodically driven Brownian engine.

Interessierte sind herzlich eingeladen.

gez. Prof. Dr. Andreas Engel