

EINLADUNG

zum Vortrag
von

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Long-range correlations in driven, non-equilibrium systems

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Dienstag, 1. April 2014, um 17:30 Uhr

Ort: Lise-Meitner-Hörsaal, Fakultät für Physik, Universität Wien,
1090 Wien, Strudlhofgasse 4 / Boltzmannngasse 5, 1. Stock

Barrierefreier Zugang: Boltzmannngasse 5, Lift, 1. Stock rechts über den Gang zum Hintereingang des Hörsaals

Abstract:

Systems driven out of thermal equilibrium often reach a steady state, which under generic conditions exhibits long-range correlations. This is very different from systems in thermal equilibrium, where long-range correlations develop only at phase transition points. Simple examples of such correlations induced in the steady state of driven systems will be presented and discussed. Close correspondence of these non-equilibrium steady states to electrostatic potentials induced by charge configurations will be pointed out.

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