

Einladung zum Sonderseminar

Montag, 04.02.2019, um 14:00 Uhr

Raum 46-268

Prof. Dr. Eric Lutz

Universität Stuttgart

Irreversibility and the quantum arrow of time

Irreversibility is one of the most intriguing concepts in physics. While microscopic physical laws are perfectly reversible, macroscopic average behavior has a preferred direction in time. According to the second law of thermodynamics, this arrow of time is associated with a positive mean entropy production. We will discuss the physics of the quantum arrow of time and present results of recent experimental investigations of irreversibility in a nuclear magnetic resonance setup.

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

GÄSTE SIND HERZLICH WILLKOMMEN!