

The Zurich Theoretical Physics Colloquium

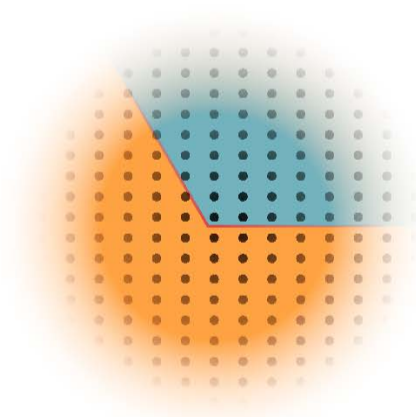
Monday, 18 November 2024, 16:45 h, HIT H 42

Henrik Wilming

Leibniz Universität Hannover

Entanglement in the thermodynamic limit

Just as phase transitions, some properties of entanglement in many-body systems only sharply emerge in the thermodynamic limit. I will discuss recent results providing operational distinctions for different ways of being infinitely entangled in the context of quantum information theory, quantum many-body physics and quantum field theory. A striking example is the ability of quantum fields and critical many-body systems to «embezzle» entanglement.



Host: Joe Renes

apero
after the
colloquium

