

# Induced motion of a probe in contact with a nonequilibrium medium

*Tuesday, 5 September 2017 09:00 (30 minutes)*

We discuss how contact with a nonequilibrium bath can modify the effective dynamics of a probe. In particular, systematic forces may become nongradient; the second fluctuation-dissipation relation can be broken and the noise may be nonGaussian and showing power law distributed jumps.

**Primary author:** MAES, Christian (KU Leuven)

**Presenter:** MAES, Christian (KU Leuven)

**Session Classification:** Session 4