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## Heat flux asymmetry in the quiet Sun photosphere.

The heat-flow fluctuations along the quiet Sun convective pattern are studied in data provided by high-resolution observations and simulations. Using the methods of stochastic thermodynamics it is shown that heating and cooling of the photospheric flows obey a remarkable thermal relaxation asymmetry which was recently discovered in laboratory experiments.

**Primary author:** Dr GOROBETS, Andrei (Institut fuer Sonnenphysik (KIS), Georges-Koehler-Allee 401A, 79110 Freiburg i.Br. Germany)

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