Princeton Center for Theoretical Science presents

Fifth Annual Visiting Lectureship Series, 2015

Dr. Gavin Crooks
Lawrence Berkeley National Laboratory, Berkeley, CA

Schedule of Events

Seminars:

7 April
1:00 pm
Room A06 Jadwin Hall
*The fluctuations of dissipation*
(Equilibrium and disequilibrium; fluctuations theorems and the Jarzynski’s identity; experiments and observations)

14 April
1:00 pm
Room A06 Jadwin Hall
*Perturbation and response*
(fluctuations and dissipation; linear response; the geometry of thermodynamics)

16 April
1:00 pm
Room A06 Jadwin Hall
*Entropy and information*
(Maxwell’s demon and Landauer’s principle; The arrow of time)

PUBLIC LECTURE

“The Ambiguity of Time’s Arrow”

In the microscopic world of atoms and molecules the direction of time is indeterminate and uncertain; but life prevails.

Thursday, April 9 · Jadwin Hall, Room A-10 · 8:00 pm

More information can be found at [http://pcts.princeton.edu/pcts](http://pcts.princeton.edu/pcts)