

RRI school on Nonequilibrium Statistical Physics

March 22 — April 3, 2010

RAMAN RESEARCH INSTITUTE

C. V. Raman Avenue, Sadashivanagar, Bangalore - 560080

(<http://www.rri.res.in/~statphys>)

This is a pedagogical school, aimed at bridging the gap between masters-level courses and topics in statistical physics at the frontline of current research. It is intended for Ph.D. students, post-doctoral fellows and interested faculty members at the college and university level. The following courses will be offered.

Interacting particle systems

Mustansir Barma (TIFR, Mumbai)

Transport and linear response theory

Abhishek Dhar (RRI, Bangalore)

Exactly solved models

Deepak Dhar (TIFR, Mumbai)

Introduction to fluid mechanics

Rama Govindarajan (JNCASR, Bangalore)

Introduction to biological physics

Gautam Menon (IMSc, Chennai)

Coarse-grained dynamical models

Sriram Ramaswamy (IISc, Bangalore)

Stochastic processes

Sanjib Sabhapandit (RRI, Bangalore)

Those interested to participate should apply by email to statphys@rri.res.in by **December 31, 2009** with their CV and list of published papers if any. Also, they should arrange for a letter of recommendation.

All selected candidates will be provided travel, board and lodging as per norms, and are required to attend the entire school.

Organizers: Abhishek Dhar and Sanjib Sabhapandit

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