

StatPhys-Kolkata VIII

1–5 December, 2014

S. N. Bose National Centre for Basic Sciences

Block-JD, Sector-III, Saltlake, Kolkata 700098, India

SCOPE OF THE CONFERENCE: The purpose of this conference is to bring together leading researchers, young scientists and students who have been working in different disciplines of science and have been using primarily the statistical physics techniques for their research. The choice of the subjects and problems to be covered in the conference reflect precisely this multidisciplinary statistical physics approach to understand collective phenomena, in general, whose complete theoretical understanding is still lacking.

THEMES

- Fluctuation Relations away from Equilibrium
- Structure and Pattern Formation in Non-equilibrium Systems
- Interaction and Transport in Biological Systems
- Co-operative Dynamics in Socio-economical Systems
- Statistical Inference, Spin Glass and Data Driven Modeling

Convenors

Anirban Chakraborti	Jawaharlal Nehru University, New Delhi, India
Sakuntala Chatterjee	S. N. Bose National Centre for Basic Sciences, Kolkata, India
Jun-ichi Inoue	Hokkaido University, Japan
Punyabrata Pradhan	S. N. Bose National Centre for Basic Sciences, Kolkata, India

Speakers

Muktish Acharyya	Presidency University, Kolkata, INDIA
Arvind Ayyer	Indian Institute of Sciences, Bangalore, INDIA
Satyajit Banerjee	India Institute of Technology – Kanpur, INDIA
Kunal Bhattacharya	Birla Institute of Technology and Science, INDIA
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Jorge Kurchan	Physique et Mecanique des Milieux Heterogenes, Paris, FRANCE
Sourabh Lahiri	Korea Institute for Advanced Study, SOUTH KOREA
Reinhard Lipowsky	Max Planck Institute of Colloids and Interfaces, Potsdam, GERMANY
Christian Maes	Instituut voor Theoretische Fysica, Leuven, BELGIUM
Mithun Mitra	Indian Institute of Technology – Bombay, INDIA
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Biswaroop Mukherjee	S. N. Bose National Centre for Basic Sciences, INDIA
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Tomoyuki Obuchi	Tokyo Institute of Technology, JAPAN
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Luciano Pietronero	Universita di Roma, ITALY
Heiko Rieger	University of Saarland, GERMANY
Sanjib Sabhapandit	Raman Research Institute, Bangalore, INDIA
Tridib Sadhu*	Institut de Physique Th orique, CEA Saclay, FRANCE
Udo Seifert	Universität Stuttgart, GERMANY
Sitabhra Sinha	Institute of Mathematical Sciences, Chennai, INDIA
Sumedha	National Institute of Science Education Research, INDIA
Toshiyuki Tanaka*	Kyoto University, JAPAN
Hugo Touchette	University of Stellenbosch, SOUTH AFRICA
R K P Zia*	Virginia Tech, Blacksburg, USA

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