

The S.N.Bose National Centre for Basic Sciences
announces

THE WORKSHOP ON TOOLS OF THEORETICAL PHYSICS AND THE PROBLEM OF TURBULENCE

16th - 20th February, 2009

Venue:

S.N. Bose Auditorium

Organized by

Department of Theoretical Science

S. N. Bose National Centre for Basic Sciences

Block - JD, Sector- III, Kolkata - 700098



This is a pedagogic workshop aimed at finding out whether the conventional tools of theoretical physics hold out any hope for the problem of turbulence. Focus will be on quantum field theory (QFT) and conformal field theory (CFT) as the tools. Phenomenology of turbulence, numerical methods and some special topics will be covered.

Topics

Phenomenology

QFT and Fluids

CFT

Multiscaling

Binary liquid Turbulence

Numerical Technology

Speakers

A. Basu	Kolkata
J. Honkonen	Finland
K. Ray	Kolkata
M Hnatic	Slovakia
M. K. Verma	Kanpur
R. Gopakumar	Allahabad
R. Pandit	Bangalore
R. Rajesh	Chennai

National Organising Committee

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A. Raychaudhuri	Director, HRI
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P Guha (Joint Convenor)

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A Mookerjee

R Banerjee

A Lahiri

A S Majumdar

S K Paul

S K Deb, Secretary

Last date of registration : **7th Feb, 2009**

Please send registration request to jkb@bose.res.in/sunish@bose.res.in

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