

IMSc Complex Systems School

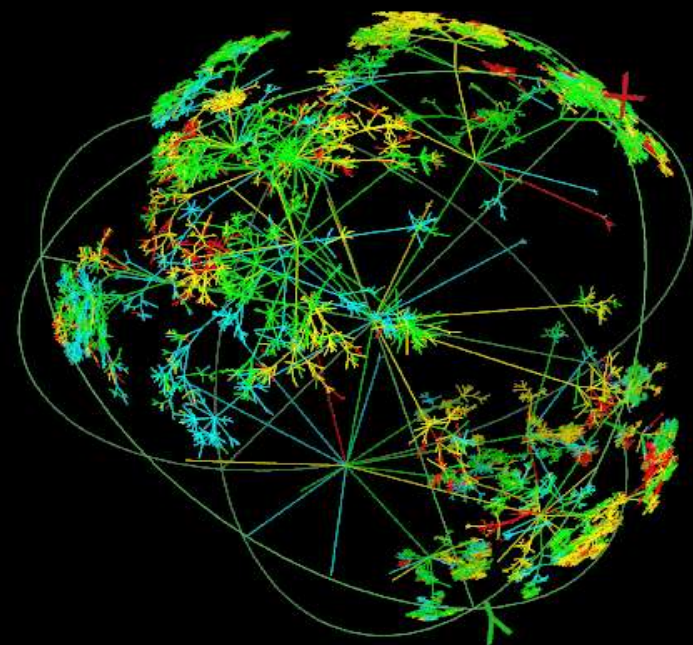
January 2-27, 2006

An intensive four-week school to introduce research on complex phenomena in physical, biological and social systems.

The school will consist of lectures on foundations, techniques & current research areas in complex systems research, and hands-on team projects on complex systems topics that will be formulated and carried out by the participants.



The Institute of Mathematical Sciences
Chennai, India
in cooperation with the
SANTA FE INSTITUTE, Santa Fe, USA



The lecture courses will cover nonlinear dynamics, statistical mechanics, game theory, network structure and dynamics, pattern formation, computer modeling techniques, and their application to biological and economic systems.

Applications are invited from PhD students and postdoctoral fellows in physics, chemistry, biology, mathematics, computer science and economics; advanced masters students may also be considered.

There is no registration fee and all participants will be provided accommodation. Limited travel support is available.

To apply, send a short CV and statement of purpose to css06@imsc.res.in and arrange for one letter of recommendation to be e-mailed directly. All application materials must be submitted electronically no later than **October 31, 2005**.

For details please see the IMSc website <http://www.imsc.res.in/>

Confirmed speakers include:

V Balakrishnan (IIT Madras)

Bikas K Chakrabarti (SINP)

Sumantra Chattarji (NCBS)

D Chowdhury (IIT Kanpur)

Chandan Dasgupta (IMSc)

Sanjay Jain (U Delhi)

Gautam I Menon (IMSc)

R Ramanujam (IMSc)

Ram Ramaswamy (JNU)

Kanury V S Rao (ICGEB)

Rahul Siddharthan (IMSc)

Somdatta Sinha (CCMB)

Sudeshna Sinha (IMSc)

Organizer: Sitabhra Sinha