

2nd IMSc Complex Systems School

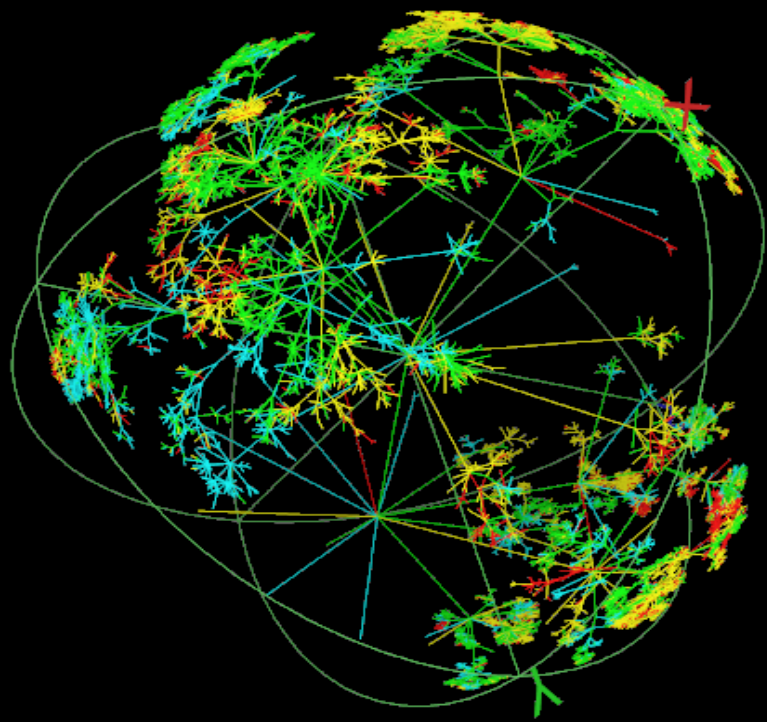
January 4-29, 2010

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 theory, 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, NM, 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 & postdoctoral fellows in physics, chemistry, biology, mathematics, computer science, economics and related areas; advanced MSc/MTech students may also be considered. There is no registration fee and all participants will be provided accomodation. Limited travel support is available.

To apply, send a short CV and statement of purpose to css10@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, 2009**.

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

Confirmed speakers include:

V Balakrishnan (IIT Madras)
Bikas K Chakrabarti (SINP)
Nandini Chatterjee-Singh (NBRC)
Jennifer A Dunne (SFI)
Douglas H Erwin (Smithsonian & SFI)
J Doyne Farmer (SFI)
Sibasish Ghosh (IMSc)
Gautam I Menon (IMSc)
R Rajesh (IMSc)
Uma Ramakrishnan (NCBS)
R Ramanujam (IMSc)
Jari Saramaki (HUT)
L S Shashidhara (IISER Pune)
Anindya Sinha (NIAS)
Somdatta Sinha (CCMB)
D Eric Smith (SFI)
N Sreenivasan (CBCS-UA)
Bryan K Wells (IMSc)

Organizer: Sitabhra Sinha

