

Academies' Lectures Workshop

on

Ergodic Theory and Dynamical Systems

Venue: Seminar Hall, 1st floor, School of Physical Sciences (SPS), Jawaharlal Nehru University (JNU), New Delhi.

Date: October 1, 2012 (One day workshop)

Convener: Prof. Ajit Iqbal Singh (INSA Fellow), ISI, Delhi.

Coordinators: Prof. Riddhi Shah (SPS, JNU, New Delhi).

Co-coordinator: Dr. Amala Bhave (SPS, JNU, New Delhi).

Participants: M.Sc. students, M. Phil. students, Ph.D. students and teachers interested in the subject.

Speakers and titles of their talks:

1. Prof. S.G. Dani (IIT, Mumbai).
Interplay between hyperbolic geometry and number theory
2. Prof. Mahan (IAS Fellow, Vivekananda University, Kolkata).
Recent Developments in Kleinian Groups: a tribute to Bill Thurston
3. Prof. M.G. Nadkarni (INSA Fellow, Mumbai).
Some well known examples of ergodic transformations
4. Prof. Rahul Roy (ISI, Delhi)
Subadditive ergodic theorem and its Applications in percolation theory
5. Prof. Riddhi Shah (JNU, New Delhi).
Dynamics of distal actions

There will be 5 one hour talks to inspire masters and research students to work in the area of the theme. Also, there will be a one hour discussion on “Recent Development and open problems in the area”.

Registration: At 8:00 am at the School of Physical Sciences, JNU.

Advisory committee: Prof. Kapil Paranjape (IISER, Mohali)

Prof. Rahul Roy (ISI, Delhi)

Prof. Manindra Agrawal (IIT Kanpur)

Schedule

<u>Time</u>	<u>Program</u>
08:00 – 9:00	Registration
09:00 - 09:15	Inauguration
09:15 – 10:15	Lecture by Prof. Dani
10:15 - 10:40	Tea break
10:40 – 11:40	Lecture by Prof. Nadkarni
11:45 – 12:45	Lecture by Prof. Roy
12:45 – 13:45	Lunch break
13:45 – 14:45	Lecture by Prof. Mahan
14:50 – 15:50	Lecture by Prof. Shah
15:50 – 16:15	Tea Break
16:15 – 17:30	Panel discussion

Please note that certificate of participation will **NOT** be issued and conveyance for local participants will **NOT** be given.