



# National Centre for Mathematics

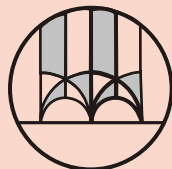
www.ncmath.org  
(A joint centre of TIFR and IIT Bombay)



## Advanced Training in Mathematics Schools

www.atmschools.org

Supported by National Board for Higher Mathematics



# IX Annual Foundational School I, 2012

Venue: Chennai Mathematical Institute, Chennai



3 – 29 December, 2012

Conveners: Clare D'Cruz and Shrihari Sridharan

### Advanced Training in Mathematics Schools

Advanced Training in Mathematics (ATM) Schools are a joint effort of a large number of researchers across the country with support from the National Board for Higher Mathematics. The programmes are conducted in various mathematics departments in India, in summer and winter each year. In these Schools, the emphasis will be on problem solving and on highlighting inter-relations of basic subjects in mathematics.

Basic knowledge in algebra, analysis and topology forms the core of All advanced instructional schools organized in the ATM programme. The objectives of the Annual Foundation Schools (AFS) are to bring up students with diverse backgrounds to a common level. Any student who wishes to attend the advanced instructional schools is strongly encouraged to enroll in the AFS first. The courses in AFS-I will cover basic topics Group Theory, Analysis and Topology. In addition, there will be four Unity of Mathematics lectures, which will highlight interactions between different branches of mathematics.

Ph.D students in the first and second year, exceptionally good M.Sc. (II Year) students and university lecturers are encouraged to apply.

### How to Apply

Online applications need to be submitted on the following site:

[www.atmschools.org/afs/annual-foundation-school-part-i](http://www.atmschools.org/afs/annual-foundation-school-part-i)

### Financial Support

Selected participants will be paid III-AC return train fare from their place of work to the venue by shortest route and provided with accommodation and local Hospitality.

Deadline for Applications: **July 25, 2012**

Information to Candidates: **August 8, 2012**

[Http://www.cmi.ac.in/~afsi2012](http://www.cmi.ac.in/~afsi2012)

<http://www.atmschools.org>

### Address of the School:

Chennai Matheamtical Institute,  
Plot H1, SIPCOT IT Park,  
Kelambakkam, Siruseri,  
Chennai, Tamil Nadu. 603 103

### Resource Persons

K. Hanumanthu	CMI, Chennai
S. Kannan	CMI, Chennai
A. Prasad	IMSc
P. Rath	CMI, Chennai
S. Shankar	CMI, Chennai
B.V. Rao	CMI, Chennai
S. Gun	IMSc
R. Srinivasan	CMI, Chennai
R. Balasubramanian	IMSc
R. Karandikar	CMI, Chennai
S. Kesavan	IMSc
C.S.Seshadri	CMI, Chennai