



Advanced Training in Mathematics Schools

Supported by *National Board for Higher Mathematics*

Workshop on Topology of Manifolds

Venue: **Institute of Mathematical Sciences, Chennai**

1 - 13 February, 2010

Convener: *P. Sankaran*

Brief Description of ATM Schools

Advanced Training in Mathematics (ATM) Schools are a joint effort of more than 50 active researchers across the country with support from the National Board for Higher Mathematics. The programmes are conducted in reputed mathematics departments 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. The schools are offered mainly for Ph.D. students and lecturers.

Workshop on Topology of Manifolds

The Workshop is devoted to understanding topology of manifolds. There are three main topics which will be focussed on during the Workshop.

1. Aspherical manifolds
2. Quasi-toric manifolds
3. Structures on manifolds

Eligibility for Participation

The workshop will admit 25 students in their second and third years of Ph.D. programme, postdoctoral fellows and some college/university teachers.

Financial Support

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

Resource persons

Goutam Mukherjee	ISI, Kolkata
Mainak Poddar	ISI, Kolkata
P. Sankaran	IMSc, Chennai

How to Apply

The syllabus, application form and other information about the programme is available on the website:

<http://www.bprim.org/atm>

Applications may also be made on plain paper, giving the following information:

Name, Date of Birth, Age, Gender, Institute/Department, Areas of interest, list of Ph.D. courses (including reading courses) completed, ATM Schools attended, Any other workshop in mathematics attended, Address for correspondence, email address, City, State, Pincode, Academic Record: B.Sc./M.Sc. with names of the Institutes. These should be attested by Head/Principal of the institute. **Completed applications may be sent by mail or by fax or a scanned copy may be sent by email to**

Prof. P. Sankaran
Convener, ATMW in Topology of Manifolds
Institute of Mathematical Sciences
CIT Campus, Taramani, Chennai 600113
e-mail: sankaran@imsc.res.in
Phone: (O) 044-2254-3211 (M) 09940139682.
Fax: 044-2254-1586

by **Friday, 4th Dec., 2009**. List of selected candidates will be posted on the ATM School website on **Tuesday, 8th Dec., 2009**.

National Committee for the ATM Programme

Prof. S. A. Katre	Pune U., Pune
Prof. S. Kesavan	IMSc, Chennai
Prof. Shobha Madan	IIT Kanpur
Prof. N. Nitsure	TIFR, Mumbai
Prof. J. K. Verma (Convener)	IIT Bombay