RMS 26th Annual Conference and Workshops
27th September - 5th October 2011
organized by Harish-Chandra Research Institute and the University of Allahabad, Allahabad

Ramanujan Mathematical Society is holding its 26th annual meeting at Allahabad during 27th September - 5th October, 2011. There will be two workshops and followed by a conference. Workshops will be held at Harish-Chandra Research Institute, Allahabad (during the period 27th September - 1st October, 2011) and the conference will be held at the university of Allahabad (during 2-5 October, 2011). Click here to get more information related to the "RMS Conference".

RMS Workshops

There will be two workshops on (1) Additive Combinatorics (2) Recent trends in Probability Theory.

(1) Additive Combinatorics organized by G. Prakash and R. Thangadurai.

Aim of the workshop: The famous celebrated result of Szemerédi states that a subset of positive integers having a positive upper density contains arbitrarily long arithmetic progressions. This particular result of Szemerédi has various proofs including the one using combinatorics by Szemerédi, one using analysis and combinatorics by Gowers and one using ergodic theory by Furstenberg. In this workshop we shall try to cover these three proofs and indicate the recent developments in the subject.

Preliminary workshop: During 20th September to 26th September, 2011, Harish-Chandra Research Institute organizes a preliminary workshop on the above topics to cover the basics. Interested people can apply. Limited fund is available to cover the selected participants' travel during the workshop period. This workshop is supported by HRI under the Xth plan project "Special years in mathematics."

Speakers for both parts of the workshop:
- Sukumar Das Adhikari (HRI, Allahabad)
- R. Balasubramanian (IMSc, Chennai)
- Siddhartha Bhattacharya (TIFR, Mumbai)
- S.G. Dani (TIFR, Mumbai)
- S.A. Katre (University of Pune)
- Anirban Mukhopadhyay (IMSc, Chennai)
- Gyan Prakash (HRI, Allahabad)
- B. Ramakrishnan (HRI, Allahabad)
- Parshottam Rath (CMI, Chennai)
- R. Thangadurai (HRI, Allahabad)

(2) Recent trends in Probability Theory organized by Manjunath Krishnapur and Sreekar Vadlamani during the period 27th September - 1st October, 2011

Speakers:
- B.V. Rao, (CMI, Chennai), on "Concentration inequalities"
- Alok Goswami (Indian Statistical Institute) on "Topics in Brownian motion"
- Mrinal Ghosh, (Indian Institute of Science) on "Mathematical Finance"
- Manjunath Krishnapur (Indian Institute of Science) on "Random trees"

How to Apply
The interested participants can directly write to the respective coordinators, giving their affiliation, address, e-mail, contact number (if any), arrival and departure dates. Note that there is no registration fee for attending workshops.

- Workshop on "Additive Combinatorics": Interested participants can send a mail to Dr. Gyan Prakash (gyan@hri.res.in) along with their CV with the above information.
- Workshop on "Recent trends in Probability Theory": Interested participants can send a mail to Professor Sreekar Vadlamani (sreekarvadlamani@gmail.com) along with their CV with the above information.

Food and accommodation of the workshop participants will be taken care by Harish-Chandra Research Institute.

Last date to apply for RMS workshops is 23rd August, 2011