



ICTP-IPM Workshop and Conference in Combinatorics and Graph Theory

3 - 14 September 2012

Miramare - Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) in conjunction with the Institute for Research in Fundamental Sciences (IPM) in Tehran, Iran is organizing a "Workshop and Conference on Combinatorics and Graph Theory", to be held from 3 September to 14 September, 2012 in Trieste, Italy. The purpose of these activities is:

Workshop - the first week, 3 - 8 September. To broaden and deepen the knowledge and techniques of those working in combinatorics and graph theory, especially young researchers, and to afford an opportunity for interaction with established researchers. There will be six mini-courses given by distinguished scholars.

Conference - the second week, 10 - 14 September. To explore further and expand on the ideas developed in the Workshop and to learn about the latest directions in research. In addition to plenary lectures given by leading researchers, there will be sessions in which participants can present their work.

Main Topics:

- Graphs and Hypergraphs,
- Spectral Graph Theory,
- Combinatorial Designs and Matrices,
- Algebraic Combinatorics and Permutations,
- Probabilistic Methods in Combinatorics and Random Combinatorics,
- Extremal and Quantum Combinatorics,
- Latin Squares and Hadamard Matrices,
- Combinatorial Enumeration.

Up to date information about the program of the workshop and conference can be found at the activity website <http://agenda.ictp.it/smr.php?2364>

PARTICIPATION

Mathematicians from all countries that are members of the United Nations, UNESCO or IAEA may attend the Activity. As it will be conducted in English, participants should have an adequate working knowledge of that language. Although the main purpose of the Centre is to help researchers from developing nations through a programme of training activities within the framework of international cooperation, students and scientists from developed countries are also welcome to attend. As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. **Such support is available only for those who attend the entire activity. There is no registration fee.**

HOW TO APPLY FOR PARTICIPATION

The application form can be accessed at the activity website:
<http://agenda.ictp.it/smr.php?2364>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

Activity Secretariat:

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CONFERENCE INVITED

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(*) to be confirmed

DEADLINE: May 30, 2012