

WORKSHOP on Genes, Genomics and the Development of Behaviour: the Development of Function in the Nervous System

14 July – 1 August 2003

Miramare, Trieste, Italy

How does function in neural networks emerge during the development of an animal?

We are conducting a two-week teaching workshop that will bring to physicists, mathematicians, chemists and biologists, the computational and experimental tools of developmental neurobiology. This will allow participants to learn each other's language while addressing common problems and thereby encourage novel approaches.

The workshop will be aimed at research scholars, post- doctoral fellows and starting faculty who wish to explore new interdisciplinary areas of research.

TOPICS include:

- **Introduction to genetics, cell biology, developmental biology and neurophysiology.**
- **Genomes and genomics**
- **Networks of gene activities and signaling pathways**
- **Nervous system development and function**
- **Neural basis of behaviour**

PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of this language. Although the main purpose of the Centre is to help research workers from developing countries, through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral 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. Other support will be available from the European Commission for some participants from EU and associated States. There is no registration fee.

The **Application Form** is obtainable from the ICTP WWW server: <http://agenda.ictp.trieste.it/smr.php?1510> which will be constantly updated) or from the activity Secretariat. It should be completed and returned before **15 March 2003** to:

Workshop on Genes, Genomics... (smr 1510)
c/o Ms. P. Passarella
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34014 Trieste, Italy.
or

smr1510@ictp.trieste.it (please save and send file attachments in RTF format)

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DEADLINE
for requesting participation

15 March 2003