



The Abdus Salam
International Centre for Theoretical Physics

2010 Workshop on

the Development of Behaviour: Emergent Properties of Nervous Systems

2 - 20 August 2010

Miramare, Trieste, Italy

We are conducting a teaching workshop that aims to bring to **physicists, mathematicians, chemists and biologists**, the computational and experimental tools of developmental neurobiology. This will allow participants to learn each others' languages while addressing common questions and thereby encourage novel approaches.

The workshop is 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
- Networks of gene activities, signaling pathways and neurons
- Nervous system development and function
- Neural and evolutionary 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 that 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. 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?2159>

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

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DEADLINE

for requesting participation

18 April 2010