

**“WORKSHOP ON MODELING PREFRONTAL FUNCTIONS:
FROM
NEUROPSYCHOLOGY TO THEORETICAL NEUROSCIENCE”**

15 – 18 OCTOBER 2003

the Abdus Salam ICTP, Miramare, Trieste, Italy

Organising Committee:

Anna Zalla (Institut des Sciences Cognitives, Paris and ICTP, Trieste)
Paul Dussan-Flaque (Inst. of Cognitive Neuroscience, Univ. of London & SISSA, Trieste)
Daniel Grafman, (Cognitive Neuroscience Section, NINDS, Bethesda, Maryland, U.S.A).

Local Organiser : Silvio Franz (ICTP, Trieste).

In the last ten years the field of cognitive neuroscience has experienced enormous growth, partially in the development of brain imaging techniques. In particular, many investigators have begun to focus research on understanding how the brain implements the cognitive control of behaviour and the intergral functions. This workshop will bring together leading researchers who are active in different disciplines and fields such as Neuropsychology, Brain Imaging, Mathematical Modeling and Computer Science, with an interest in the understanding of high order cognitive functions of the prefrontal cortex such as attention, working memory and executive processes. The aim of the Workshop will be to contribute to the elaboration of a coordinated approach to understanding prefrontal functions that integrate current experimental data theoretical models. The Workshop will consist of 25 lectures by invited speakers, and a poster session.

Scientists and students from all countries that are members of the UN, UNESCO or IAEA may attend the Workshop. As it will be conducted in English, participants should have an adequate speaking knowledge of this language. Although the main purpose of the Centre is to help researchers from developing countries, through a programme of training activities within a framework of international co-operation, scientists from developed countries are also strongly encouraged to apply.

Every effort should be made by candidates to secure financial support, especially for their fare (or at least half-fare) from their home country. Limited funds are available for some applicants from developing countries, to be selected by the organizers. Such financial support is intended only for those who are not more than 45 years. There is no registration fee for attending the Workshop.

The **Application Form** is obtainable via the WWW server which will be constantly updated: <http://agenda.ictp.trieste.it/agenda/current/fullAgenda.php?ida=a039> or from the activity secretary. It should be completed and returned **before 15 August 2003**, (if requesting financial assistance) to:

**WORKSHOP ON MODELING PREFRONTAL FUNCTIONS
(SMR 1544)**

c/o Ms. Patricia Wardell
the Abdus Salam ICTP
Strada Costiera 11, 34014 Trieste, Italy

or

smr1544@ictp.trieste.it (please save and send file attachments in RTF format)

Any attachment to the request for participation form, relevant to extra information for selection purposes, should not exceed 6 pages.

Ph: +39-040-2240576 Fax: +39-040-2240585 Email: wardell@ictp.trieste.it
ICTP Home Page: <http://www.ictp.trieste.it/>

Invited Speakers

William Bialek
Univ. of California at Berkeley,
USA

Matthew Botvinick
Penn University, USA

Jochen Braun
University of Plymouth, UK

Todd S. Braver
Washington Univ. USA

Yves Burnod
Inst. des Sciences Cognitives
Bron, France

Stefano F. Cappa
Vita Salute San Raffaele Univ.
Milano, Italy

Richard Cooper
Birkbeck University
London, UK

Stanislas Dehaene
CEA/DRM/DSV
Orsay cedex, France

Peter Dominey
Inst. des Sciences Cognitives
Bron, France

Vinod Goel
York University
Toronto, Canada

M. E. Goldberg
New York University, USA

Patricia Goldman-Rakic
Yale University, USA

Marc Jeannerod
Inst. des Sciences Cognitives
Bron, France

Marcel Just
Carnegie Mellon University
Pittsburgh, USA

Etienne Koechlin
Univ. Pierre et Marie Curie
Paris, France

Edmund T. Rolls
University of Oxford
Oxford, UK

Angela Sirigu
Inst. des Sciences Cognitives
Bron, France

Alessandro Treves
SISSA-Cognitive Neuroscience
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Jonathan Wallis
Massachusetts Inst. of
Technology, Cambridge
USA

