

IAAP Division 14: Applied Cognitive Psychology

Newsletter



n° 2
July, 2015

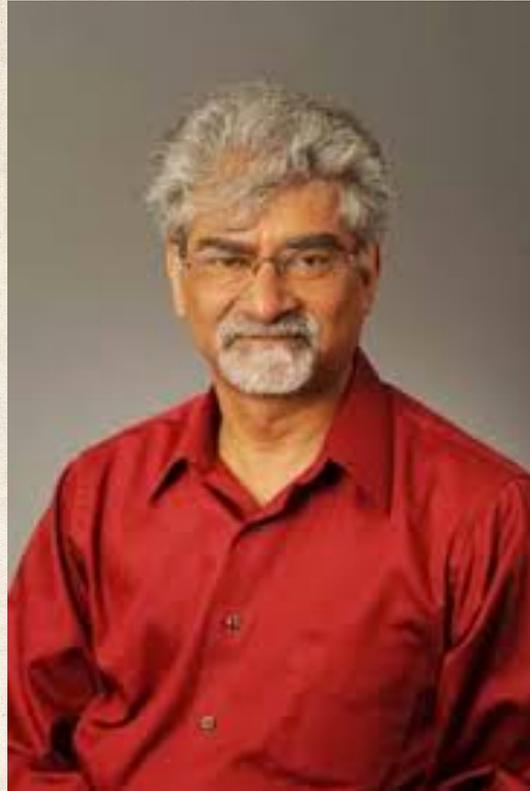
Our Goal

Applied Psychology means that our research is driven by our desire to solve human problems. The human problems that psychology should solve affect the design of human activities and the tools that humans use to perform that activities. Although there are psychological research that can be guided by the desire to test a theory, our research uses psychological theories as tools to solve human problems.

From our point of view cognitive research means that during the development of a human activity information is processed and knowledge is applied . The tools that humans use in their activities have cognitive functionalities that assist the processing of information and the application of knowledge.

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Inspiration



Raja Parasuraman

Research on applications of cognitive science has advanced enormously in recent years due among others things to the development of new neuropsychological methodologies that are easy to implement in applied settings. One area that has experienced this advance has been Ergonomics with the emergence and development of Neuroergonomics in recent years. Raja Parasuraman has played a key role in the foundation of NeuroErgonomics. Unfortunately he left us recently. On behalf of our Division 14 we want to pay tribute to his memory, to recognize his tremendous scientific contribution, and his support to our First School of Applied Cognitive Research held in Paris in the Spring of 2013.

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The Second IAAP School on Applied Cognitive

<http://acr.cognitive-ergonomics.org/>



Granada, Spain

*The Brain, Mind and Behavior Research Center at University of
Granada (CIMCYC-UGR)
4-5 of November, 2015*

Organizing Committee Thierry Baccino (France), José J. Cañas (Spain)

Announcement

The scope of the School. In our first school we covered the major theoretical issues in applied cognitive research. However, in order to advance in our understanding of applied cognitive research it is necessary to have techniques and research tools that can be used on-line without interfering with the actual task that operators perform in applied settings. For this reason, in this second school we will address a number of these techniques that are being used in a variety of applied settings.

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Speakers

Boris M. Velichkovsky

Unit of Applied Cognitive Research,
Technical University
Dresden, Germany, and
Department of Neurocognitive
and Social Sciences, Kurchatov

**"Cognitive Science and
Converging Technologies"**



Thierry Baccino

University of Paris 8, Chart-LUTIN

**"Eye-Fixations-Related
potentials (EFRPs) in
reading: method and main
issues"**



Frederic Deshais

Institut Supérieur de l'Aéronautique et de l'Espace,
Toulouse, France

**"A neuroergonomics
approach to monitoring
pilot's performance?"**



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Speakers

José J. Cañas

CIMCYC, University of
Granada, Spain

"Online techniques and
building models of task
performance"



Olivier Le Meur

IRISA - Institut de Recherche en Informatique et
Systèmes Aléatoires, University of Rennes ·
SIROCCO

"Saccadic models and
behavioural biases in eye"



Simon P. Liversedge

University of Southampton, Southampton ·
Faculty of Social and Human Sciences
Message

"Binocular vision in reading
and other visual tasks"



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Speakers

Juan Verdejo-Roman

University of Granada, Granada ·
Department of Personality, Evaluation and
Psychological Treatment

"Analytical tools"



Angel Correa

University of Granada, Granada · Psicologia
Experimental

"Visit to the Labs in CIMCYC"



Pre-Registration

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For participation at the COURSE please send an email containing your name, academic (professional) status, address/institution and a short (a half of a page) statement about

(i) Interests with respect to cognitive research

(ii) Experience in applied cognitive research (if there is any)

(iii) Readiness to present a short report on its results – In this later case, we would ask for a more formal summary of the possible presentation, including the title, one half page of text as well as a notice on intended form of presentation: oral or as a poster.

(iv) Expectations from the School

Send the mail to:

ergocogn@ugr.es

<http://acr.cognitive-ergonomics.org/>

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Selected students will receive an email confirming that they can proceed to register for the School

Deadline for registration is 15th of October, 2015. Due to limited resources (especially for the practical sessions) the number of participants is limited as well. A notification about the participation in the School and invitations (they might be needed for receiving a Spanish/EU visa) will be sent by the 15th of September, 2015. To cover costs of the COURSE, a fee of 200 EUR will be charged at registration

**The registration fee must be sent
by bank transfer to**

Account name:

Universidad de Granada

Account number:

ES2404873000722000055486

BIC: GBMNESMMXXX

**Please, you must include this information
in your bank transfers**

1. **Your name**
2. **Amount: 200 €**
3. **Concept: 3020150273 "IAAP
School on Applied Cognitive
Research"**

Registration

Travel information

**We recommend to contact for travel
and accommodation information**

Viajes El Corte Inglés

Contact information

Patricia Pérez Raga

Delegación de Empresas •

T. (+34) 958 208 505 ••

Pza.Manuel Cano S/N • 18004 Granada

email: granadaempresas@viajeseci.es

viajeselcorteingles.es

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