

Thursday, October 7

Thursday, 9:00-10:30 AM

*Hall Manuel de Falla***Symposium 1****Neuroimaging and language: Reading and speech perception**Chair: John F. Connolly
*Dalhousie University***From sound to meaning: A functional account of the electrophysiology of spoken language understanding**Colin M. Brown
*Max Planck Institute for Psycholinguistics***Auditory and phonetic representations for isolated vowels: Cross-language studies**István Winkler
*Hungarian Academy of Sciences***Is event-related fMRI the key to the temporality of linguistic brain activations?**G. Thierry¹, K. Boulanouar¹, F. Kerif¹,
J. P. Ranjeva², & J. F. Démonet¹
¹*INSERM U455, Fédération de Neurologie,*
²*Service de Neuro-Radiologie***An investigation of word and context comprehension using event-related fMRI**Ryan C.N. D'Arcy¹, John F. Connolly¹,
Larry Gates¹, & Elisabet Service²
¹*Dalhousie University,* ²*INSERM U455***Discussants:** John F. Connolly¹ & J.F. Démonet²
¹*Dalhousie University,* ²*INSERM U455*

Thursday, 9:00-10:30 AM

*Hall Machado/Picasso***Symposium 2****Contemporary approaches to the psychophysiology of defense**Chair: Graham Turpin
University of Sheffield

The defense cascade

Peter J. Lang & Margaret M. Bradley
University of Florida

Cardiac component of the defense response

Jaime Vila
University of Granada

Activation functions for positive and negative affective processes: The negativity bias

John T. Cacioppo¹ & Tiffany A. Ito²
¹*University of Chicago*, ²*University of Colorado*

Startle modulation, temperamental fear, and clinical anxiety: An update

Edwin W. Cook III & Richard O. Temple
University of Alabama at Birmingham

Discussant: Arne Öhman
Karolinska Institutet

Thursday, 10:30-11:00 AM
Hall of Exposiciones

Coffee Break

Thursday, 11:00 AM-12:00 PM
Hall Manuel de Falla

Distinguished Lecture Series:
Scientific Analysis of Mind

**From neural circuits to perceptual decisions:
Exploring the foundations of visual awareness**

William T. Newsome
Stanford University

Chair: Judith M. Ford
Stanford University

(Supported by the F. J. McGuigan Research Fund)

 Thursday, 12:15-1:45 PM

Hall Manuel de Falla

Symposium 3

Probing attentional processes with blink startle

Chair: Ottmar V. Lipp
University of Queensland

Attentional blink modulation at long lead intervals: The role of stimulus modality

Ottmar V. Lipp¹, David A.T. Siddle², & Patricia J. Dall¹

¹*University of Queensland*, ²*University of Sydney*

Blink modulation during anticipation: Attentional and emotional processes

Christopher J. Patrick
Florida State University

Individual differences in startle response modulation by directed attention

Terry D. Blumenthal
Wake Forest University

Event-related fMRI during an attention-to-prepulse paradigm

Erin A. Hazlett, Monte S. Buchsbaum, Cheuk Tang, & Tse-Chung Wei
Mount Sinai School of Medicine

Discussant: Michael E. Dawson
University of Southern California

Thursday, 12:15-1:45 PM

Hall Machado/Picasso

Symposium 4

Clinical applications of mismatch negativity

Chair: Carles Escera
University of Barcelona

Mismatch negativity: A new reliable tool in clinical psychology and medicine

Carles Escera
University of Barcelona

Development of preattentive sound duration discrimination in childhood

R. Ceponiene¹, H. Kushnerenko¹, M. Cheour^{1,2}, A. Shestakova¹, P. Alku³, K. Yaguchi⁴, M. Tervaniemi¹, & R. Näätänen¹
¹*University of Helsinki*, ²*Northwestern University*, ³*Helsinki University of Technology*, ⁴*Akita University*

Acute and chronic effects of alcohol on MMN

Iiro P. Jääskeläinen
University of Helsinki

Preattentive aspects of unilateral neglect scrutinized by mismatch negativity

Leon Y. Deouell^{1,2}, Shlomo Bentin², & Nachum Soroker¹
¹*Loewenstein Rehabilitation Center, Ra'anana, and Sackler School of Medicine, Tel Aviv University*, ²*The Hebrew University of Jerusalem*

Mismatch negativity (MMN) and N100 in comatose patients

Catherine Fischer¹ & Dominique Morlet²
¹*Hospital Neurologique*, ²*Inserm U280*

Thursday, 1:45-3:15 PM

Lunch (on your own)

Thursday, 3:15-4:45 pm

Hall Manuel de Falla

Symposium 5

Electrophysiological studies of feature conjunction

Chair: David L. Woods
University of California, Davis

Electrophysiological signs of auditory and visual feature conjunction

David L. Woods
University of California, Davis

Feature conjunction in patients with schizophrenia

Claude Alain
Rotman Research Institute, Baycrest Centre and University of Toronto

Audio-visual feature integration underlying the redundant-signal effect

Erich Schröger & Andreas Widmann
University of Leipzig

ERP measures of feature and conjunction processing

M.J. Taylor¹, H.A. Chevalier¹, & N.J. Lobaugh²
¹*CERCO-CNRS, Université Paul Sabatier*, ²*Rotman Research Institute*

Thursday, 3:15-4:45 PM

Hall Machado/Picasso

Symposium 6**Chronopsychophysiology 2000**

Chairs: Theodore R. Bashore¹ & Maurits W. van der Molen²
¹*University of Northern Colorado*,
²*University of Amsterdam*

Sometimes the brain has a mind of its own: ERPs as tools for understanding language

Lee Osterhout, Michael Bersick, Judith McLaughlin, & Martha Blount
University of Washington

Cognitive neuroscience: More than the sum of its parts

Robert D. Melara
Purdue University

Chronopsychophysiology: Some interesting dissociations between ERP component latencies and RT

Theodore R. Bashore
University of Northern Colorado

Discussant: Richard Ridderinkhof
University of Amsterdam

Thursday, 4:45-5:45 PM

Level -2, Cafeteria

Graduate Student Social Hour

Thursday, 5:45-8:15 PM

Hall de Exposiciones

Poster Session I