
Saturday, October 9

Saturday, 9:00-10:30 AM

Hall Manuel de Falla

Symposium 12

Brain-computer interfaces: Achievements and prospects

Chair: Emanuel Donchin

University of Illinois, Urbana-Champaign

A P300 based brain computer interface (BCI)

Emanuel Donchin, Kevin Spencer, &
Ranjith Wijesinghe

University of Illinois, Urbana-Champaign

The Thought-Translation Device: Operant control of slow cortical potentials as BCI

Niels Birbaumer^{1,2}, Thilo Hinterberger¹,
Andrea Kübler¹, Jouri Perelmouter¹, Nicola
Neumann¹, Jochen Kaiser¹, & Iver Iversen³

¹*University of Tübingen*, ²*University of Padova*, ³*University of North Florida*

The Wadsworth EEG-based brain-computer interface (BCI)

Jonathan R. Wolpaw, Dennis J.
McFarland, & Theresa M. Vaughan
*Wadsworth Center, New York State
Department of Health*

EEG-based brain-computer interface based on subject-specific common spatial filters

G. Pfurtscheller, C. Neuper, C. Guger,
& H. Ramoser

Technical University Graz

Discussant: Robert T. Knight

University of California, Berkeley

Saturday, 9:00-10:30 AM

*Hall Machado/Picasso***Symposium 13****Imaging music**

Chair: Mireille Besson
CRNC-CNRS, Marseille

Paralimbic brain regions correlate with pleasant or unpleasant emotional responses to musical dissonance

Anne J. Blood, Robert J. Zatorre,
Patrick Bermudez, & Alan C. Evans
*Montreal Neurological Institute, McGill
University*

Sensory and cognitive influences on musical expectancy revealed by event-related potentials

Pascaline Regnault¹, Emmanuel
Bigand², & Mireille Besson¹
¹*CRNC-CNRS, Marseille*, ²*LEAD-CNRS,
University of Bourgogne*

After a right or left temporal cortectomy and neurophysiological correlates of humming

Catherine Liegeois-Chauvel¹, Isabelle
Peretz², F. Bartolomei¹, F. Wendling³,
& Patrick Chauvel¹
¹*INSERM CJF 97-06, Marseille*, ²*University
of Montreal*, ³*Laboratoire de Traitement du
Signal et des Images, Rennes*

Pre-attentive and attentive brain mechanisms of musical sound perception

Mari Tervaniemi
University of Helsinki

Filter-based model of musical image processing

Marc Leman
University of Ghent

Saturday, 10:30-11:00 AM

*Hall de Exposiciones***Coffee Break**

Saturday, 11:00-11:30 AM

Hall Manuel de Falla

**Award for Distinguished Early Career
Contribution to Psychophysiology**

Facets of memory retrieval

Axel Mecklinger

*Max-Planck-Institute of Cognitive
Neuroscience*

Chair: Rafael Klorman

University of Rochester

Saturday, 11:30 AM-12:30 PM

Hall Manuel de Falla

Presidential Address

**Phoneme representations of the human brain
as reflected by the mismatch negativity
(MMN)**

Risto Näätänen

University of Helsinki

Chair: Judith M. Ford

Stanford University

Saturday, 12:30-2:45 PM

Level -3, Area A

Luncheon and General Business Meeting
(Ticket required)

Chair: Risto Näätänen

University of Helsinki

**Tursky Award for Outstanding Student Poster
Presentation**

Chair: Judith M. Ford

Stanford University

Saturday, 3:00-4:00 PM

Hall Manuel de Falla

Invited Address

Prefrontal cortex contributions to controlled and automatic attention

Robert T. Knight
University of California, Berkeley

Chair: Kimmo Alho
University of Tampere

Saturday, 4:15-5:45 PM

Hall Manuel de Falla

Symposium 14

Integration of brain imaging techniques

Chair: Gabriele Gratton
University of Missouri - Columbia

The integration of brain imaging techniques: Theoretical and practical issues

Gabriele Gratton¹, Axel Mecklinger²,
Cyma van Petten³, & Teemu Rinne⁴
¹*University of Missouri - Columbia*, ²*Max Planck Institute*, ³*University of Arizona*,
⁴*University of Helsinki*

Integrating peripheral and central psychophysiological measures

Steven A. Hackley¹, Margaret Bradley²,
Fernando Valle-Inclán³, & Julian Thayer¹
¹*University of Missouri - Columbia*, ²*University of Florida*, ³*University of La Coruña*

Advantages and disadvantages associated with the combined application of psychophysiological and neuroimaging techniques to special populations

David Friedman¹, Erin A. Hazlett², &
Edward L. Maclin³
¹*New York State Psychiatric Institute*,
²*Mount Sinai Medical Center*, ³*University of Missouri - Columbia*

Saturday, 4:15-5:45 PM

Hall Machado/Picasso

Symposium 15

Hypertension-related appraisal of aversive stimuli

Chairs: Ivan Nyklicek¹ & David Sheffield²
¹*Tilburg University*, ²*East Tennessee State University*

Does gender affect the relationship between blood pressure and pain sensitivity?

James A. McCubbin¹, Suzanne G. Helfer¹, Julie Hay¹, Michelle Marsinko¹, Michael Ouelette¹, & Stephen Bruehl²
¹*Clemson University*, ²*Northwestern University Medical School*

Blood pressure is inversely related to pain sensitivity in men but not in women

David Sheffield¹, Edith E. Bragdon², Kathleen C. Light², & David S. Sheps¹
¹*East Tennessee State University*, ²*University of North Carolina at Chapel Hill*

Hypertension, appraisal of physical and psychosocial stressors and cardiovascular reactivity

Ivan Nyklicek, Ad J.J.M. Vingerhoets, & Guus L. Van Heck
Tilburg University

Supraspinal pain modulation in individuals at risk for hypertension

Christopher R. France & Shannon Suchowiecki
Ohio University

Discussant: Christopher Ring
University of Birmingham

Saturday, 6:00-8:30 PM

Hall de Exposiciones

Poster Session III

Saturday, 9:00 PM–12:30 AM

Convene at the main entrance of the Palacio de Congressos

Farewell Dinner
(Ticket required)