Friday, October 8

Friday, 9:00-10:30 AM
Hall Machado/Picasso

Symposium 7

Worry, rumination and health
Chairs: Jos F. Brosschot\textsuperscript{1} & Julian F. Thayer\textsuperscript{2}
\textsuperscript{1}Leiden University, \textsuperscript{2}National Institute on Aging

Worry, sustained activation and health
Jos F. Brosschot
Leiden University

Perseverative thinking and health: Neurovisceral concomitants
Julian F. Thayer
National Institute on Aging

Psychophysiological studies of attentional biases and anxiety disorders
Graham M. Turpin
University of Sheffield

Possible neural substrates of rumination and worry
Richard D. Lane
University of Arizona

Discussant: Bruce Friedman
Virginia Polytechnic Institute
Program Schedule - Friday

Friday, 9:00-10:30 AM
Hall Manuel de Falla

Symposium 8

**P300 and the varieties of deviant experience**
Chair: John Polich
*The Scripps Research Institute*

**P3a and P3b from “novel” and “typical” stimuli**
John Polich
*The Scripps Research Institute*

**The frontal P300s: A question of identity**
Robert F. Simons
*University of Delaware*

**fMRI localization of target and novel P300 neural generators**
B. Opitz, A. Mecklinger, & D.Y. von Cramon
*Max-Planck-Institute of Cognitive Neuroscience*

**The Novelty P3 is not a shifty P300**
Emanuel Donchin, Kevin M. Spencer, & Abraham Goldstein
*University of Illinois, Urbana-Champaign*

Friday, 10:30-11:00 AM
Hall de Exposiciones

Coffee Break

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

Invited Address

**Faces, fear, and the amygdala: Psychophysiological and neural mechanisms**
Arne Öhman
*Karolinska Institutet*

Chair: Margaret M. Bradley
*University of Florida*
Symposium 9

Altered states of consciousness: Facts and fancies  
Chair: Dieter Vaitl  
*University of Giessen*

An evaluation with SERPs of the effects of hypnosis on the perception of painful cutaneous stimuli  
J.D. Williams, R. Croft, E. Ward, J. Ferdinand, & J.H. Gruzelier  
*Imperial College School of Medicine*

A psychophysiological working model of the induction of hypnosis  
J.H. Gruzelier, R. Croft, J. Williams, & J. Kaiser  
*Imperial College School of Medicine*

Cortical mechanisms of hypnotic pain control  
Wolfgang H.R. Miltner, Ralf Trippe, Marc Friederich, Mustafa Özcan, & Thomas Weiss  
*Friedrich-Schiller-University of Jena*

Effects of rhythmic tilting on heart rate, EEG, and state of consciousness  
Dieter Vaitl, Ulrich A. Ott, & Gebhard Sammer  
*University of Giessen*

**Discussant:** Niels Birbaumer  
*University of Tübingen*
Symposium 10

Multimodal brain imaging in schizophrenia

Chair: Judith M. Ford
Stanford University

ERP and MRI reflections of the longitudinal course of schizophrenia

Daniel H. Mathalon\textsuperscript{1}, Judith M. Ford\textsuperscript{1}, Edith V. Sullivan\textsuperscript{1}, Kelvin O. Lim\textsuperscript{2}, & A. Pfefferbaum\textsuperscript{3}
\textsuperscript{1}Stanford University School of Medicine, \textsuperscript{2}Nathan Kline Institute for Psychiatric Research, \textsuperscript{3}SRI International

Conjoint structural MRI and ERP studies in schizophrenia: Evidence for a “hot spot” of dominant hemisphere abnormalities that is present at onset and also progresses

Robert W. McCarley, Dean F. Salisbury, Yoshio Hirayasu, Cindy Wible, & Martha Shenton
Brockton VAMC & Harvard Medical School

Functional magnetic resonance imaging of the auditory P300 deficit in schizophrenia

B.I. Turetsky, D. Charbonnier, J. Raz, D. Alsop, & R.E. Gur
University of Pennsylvania

Abnormal cortical-striatal-thalamic circuitry and attentional modulation of prepulse inhibition in schizophrenia

Erin A. Hazlett, Monte S. Buchsbaum, M. Mehmet Haznedar, & Jimcy Platholi
Mount Sinai School of Medicine

Animal models of ERP dysfunction in schizophrenia

D.C. Javitt, C.E. Schroeder, C.M. Specht, R. Lindsley, & M. Jayachandra
Nathan Kline Institute for Psychiatric Research

Discussant: Judith M. Ford
Stanford University
Program Schedule - Friday

Friday, 1:45-3:15 PM

Lunch (on your own)

Friday, 3:15-4:15 PM
Hall Manuel de Falla

Invited Address

Awareness and control: A dual function of consciousness

Pio Tudela
University of Granada

Chair: Jaime Vila
University of Granada

Sponsored by the Spanish Ministry of Education and Culture

Friday, 4:30-6:00 PM
Hall Machado/Picasso

Symposium 11

New insights in motor preparation

Chairs: Rolf Verleger¹ &
Cornelis H.M. Brunia²,³
¹Luebeck Medical University, ²Tilburg University, ³University of Amsterdam Medical Centre

The organization of parieto-frontal circuits

Massimo Matelli
University of Parma

Two different contributions of hand-move-ment preparation to the late CNV?
Rolf Verleger, Bernd Wauschkuhn, & Clemens Vollmer
Luebeck Medical University

Contingent negative variation and advance movement preparation

Hartmut Leuthold¹, Jörg Sangals¹, Werner Sommer¹, & Rolf Ulrich²
¹Humboldt-University of Berlin, ²University of Tübingen
The ventrolateral nucleus of the thalamus contributes to the emergence of the Readiness Potential (RP), but not to the Stimulus Preceding Negativity (SPN)

Cornelis H.M. Brunia¹,², D.A. Bosch², J.D. Speelman², M.M.C. van den Berg-Lenssen¹, & G.J.M. van Boxtel¹
¹Tilburg University, ²University of Amsterdam Medical Centre

Discussant: Brigitte Rockstroh
University of Konstanz

Friday, 4:30-6:00 PM
Hall Manuel de Falla

Workshop

Internet resources for teaching psychophysiology
Organized by the Education and Training Committee

Friday, 6:00-6:30 PM
Hall Machado/Picasso

Open meeting with the Editorial Board of Psychophysiology

Chair: Gregory A. Miller, Editor
University of Illinois at Urbana-Champaign

Friday, 6:30-9:00 PM
Hall de Exposiciones

Poster Session II