Thursday, October 11

Opening Remarks

Robert W. Levenson
University of California, Berkeley

Invited Address

Recent advances in behavior genetics and their interface with psychophysiology

Richard J. Rose
Indiana University

Chair: Blaine Ditto
McGill University

Coffeebreak

Symposium 1

Binocular rivalry and the neural correlates of consciousness

Chair: Steven A. Hackley
University of Missouri, Columbia
ERP correlates of binocular rivalry
Fernando del Valle-Inclán & Carmen de Labra
University of La Coruña

EROS correlates of binocular rivalry
Gabriele Gratton
University of Illinois, Urbana-Champaign

Neuronal activity in human primary visual cortex correlates with perception during binocular rivalry
David J. Heeger
Stanford University

Binocular rivalry in the cerebral hemispheres: Evidence from callosotomy
Paul M. Corballis¹ & Robert P. O'Shea²
¹Dartmouth College, ²University of Otago

Neural concomitants of binocular rivalry
Randolph Blake
Vanderbilt Vision Research Center

Thursday, 10:30 AM-12:00 PM
Salon B

Symposium 2

Cognitive neuroscience models of verbal memory in schizophrenia
Chair: Dean Salisbury
Harvard University
N400 and thought disorder in schizophrenia

Daniel H. Mathalon¹, William O. Faustman², & Judith M. Ford²,³
¹Yale University School of Medicine and Veterans Affairs Connecticut Healthcare System, ²Veterans Affairs Palo Alto Healthcare System, ³Stanford University School of Medicine

Language dysfunction in schizophrenia spectrum disorder

Margaret Niznikiewicz
Harvard Medical School, Boston Veterans Affairs Healthcare System, & Brockton, Massachusetts Mental Health Center

Controlled processing and contextual sensitivity in schizophrenia

Debra Titone
McLean Hospital & Harvard Medical School

Frontal cortex, executive control, and thought disorder in schizophrenia

Cameron S. Carter
University of Pittsburgh

Failure of top-down executive control in cross-modal selective attention in schizophrenia

Judith M. Ford¹, Daniel H. Mathalon², & Theda Heinks¹
¹Stanford University Medical School & Veterans Affairs Palo Alto Healthcare System, ²Yale University School of Medicine & Veterans Affairs Connecticut Healthcare System

Thursday, 12:00-1:30 PM

Lunch (on your own)
Symposium 3

Presidential Symposium

The psychophysiology of emotion: A decade and a half later

Chair: Robert W. Levenson  
*University of California, Berkeley*

Reflections on Nicolaus Copernicus, Thomas Kuhn, and Sir Arthur Eddington  
John T. Cacioppo  
*University of Chicago*

The central psychophysiology of emotion: Past, present and future  
Richard J. Davidson  
*University of Wisconsin, Madison*

Motivation and emotion: The psychophysiology of affective perception  
Peter Lang  
*University of Florida*

Nonconscious emotion: Evolutionary, neural and psychophysiological perspectives  
Arne Öhman  
*Karolinska Institutet*

Wanted: An attractive theory  
Gerhard Stemmler  
*Philipps-University Marburg*
Coffeebreak

Thursday, 4:00-5:30 PM
Salon A

Symposium 4

Psychophysiological explorations into social perceptions, attitudes, and judgments
   Chair: Eddie Harmon-Jones
   University of Wisconsin, Madison

Person perception and ERPs
   Tiffany A. Ito
   University of Colorado

A psychophysiological examination of expectancy violation effects on cognition and affect
   Bruce D. Bartholow
   University of North Carolina, Chapel Hill

Saying one thing and doing another: Predicting behavior using psychophysiological markers of attitudes
   Eric J. Vanman
   Georgia State University

Automatic and controlled emotional race bias
   David M. Amodio, Eddie Harmon-Jones, & Patricia G. Devine
   University of Wisconsin, Madison

Discussant: John T. Cacioppo
   University of Chicago
Symposium 5

Thalamocortical systems and anesthetic-induced unconsciousness

**Chair:** Gilles Plourde  
*McGill University*

**Imaging the effects of general anesthetics on thalamocortical systems with positron emission tomography (PET)**

Pierre Fiset  
*McGill University*

**Effects of general anesthetics on sensory evoked potentials and 40-Hz rhythms: A reflection of thalamocortical dysfunction**

Gilles Plourde  
*McGill University*

**Central cholinergic mechanisms implicated in anesthetic-induced loss of consciousness**

Steven B. Backman  
*McGill University*

**Normal and paroxysmal oscillations in corticothalamic neuronal networks**

Mircea Steriade  
*Laval University*
Theroretical and methodological issues in EEG research with infants and young children

**Chair:** Nancy Snidman  
*Harvard University*

Listen to the band — but which band? The relation of EEG to infant behavior and temperament

Nancy Snidman¹, Jerome Kagan¹, Mark McManis², Robin Schacht¹,  
& Tracey Shissler¹  
¹*Harvard University*, ²*Rice University*

Development of EEG power spectra from 4 months to 4 years of age

Peter J. Marshall  
*University of Maryland*

6-9 Hz as an indicator of individual differences in infant spatial working memory performance

Martha Ann Bell  
*Virginia Polytechnic Institute and State University*

Frontal electroencephalogram (EEG) measures in affective development: Implications and caveats

Louis A. Schmidt, Laurel J. Trainor, & Diane L. Santesso  
*McMaster University*

**Discussant:** Sidney Segalowitz  
*Brock University*

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Thursday, 5:30-8:00 PM

**Dinner (on your own)**
Thursday, 8:00-10:00 PM
*Salle de Bal Centre*

**Poster Session I**

Thursday, 10:00 PM
Sharx’s

**Student Social**

Please check bulletin board for location