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Friday, October 20

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Friday, 8:30 - 10:00 AM  
*Grand Ballroom A & B*

**Symposium 7**

**Action monitoring, evaluation and control**

Chair: Michael Falkenstein  
*Institute for Occupational Physiology*

**Response-related ERP components after errors and correct reactions**

Stefan Christ, Michael Falkenstein, Joerg Hoormann & Joachim Hohnsbein  
*Institute for Occupational Physiology*

**Why is there an ERN or NE on correct trials?**

Michael G.H. Coles<sup>1</sup>, Marten K. Scheffers<sup>2</sup>, & Clay Holroyd<sup>1</sup>  
<sup>1</sup>*University of Illinois, Urbana-Champaign*, <sup>2</sup>*Florida State University*

**No-go N2 elicited in a visual stop-signal paradigm**

Albert Kok & Michiel de Rooter  
*University of Amsterdam*

**The medial prefrontal cortex and evaluative monitoring**

Don M. Tucker<sup>1,2</sup> & Phan Luu<sup>2</sup>  
<sup>1</sup>*University of Oregon, Eugene*, <sup>2</sup>*Electrical Geodesics, Inc.*

**Error-related ERP responses: Error detection or beyond?**

Sidney J. Segalowitz<sup>1</sup>, Patricia L. Davies<sup>2</sup>, Patricia E. Pailing<sup>3</sup>, & Brigitte Stemmer<sup>4</sup>  
<sup>1</sup>*Brock University*, <sup>2</sup>*State University of New York, Buffalo*, <sup>3</sup>*University of Waterloo*,  
<sup>4</sup>*Lurija Institut and Kliniken Schmieder, Allensbach*

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 Friday, 8:30 - 10:00 AM

Grand Ballroom C &amp; D

### Symposium 8

#### Style and substance: MEG in psychopathology research

 Chairs: J. Kissler<sup>1</sup>, B.A. Clementz<sup>2</sup>
<sup>1</sup>University of Konstanz, <sup>2</sup>University of California, San Diego

#### Magnetoencephalographic assessment of patients with autism

 J.D. Lewine, S.L. Provençal, D. Hill,  
 J.T. Davis, M. Funke, M. Huang, &  
 W.W. Orrison

University of Utah

#### Localization of spontaneous neural activity in patients with schizophrenia, depression and alcoholism

 T. Fehr<sup>1</sup>, J. Kissler<sup>1</sup>, S. Moratti<sup>1</sup>, C.  
 Wienbruch<sup>1</sup>, H. Watzl<sup>2</sup>, W. Hoecker<sup>2</sup>, T.  
 Elbert<sup>1</sup>, & B. Rockstroh<sup>1</sup>
<sup>1</sup>University of Konstanz, <sup>2</sup>Center for  
 Psychiatry, Reichenau

#### Single trial analyses of evoked fields to multiple auditory stimuli in schizophrenia

 L.D. Blumenfeld & B.A. Clementz  
 University of California, San Diego

#### The functional significance of thalamo-cortical networks in human brain pathology

 U. Ribary<sup>1</sup>, D. Jeanmonod<sup>2</sup>, J.  
 Schulman<sup>1</sup>, E. Kronberg<sup>1</sup>, & R. Llinás<sup>1</sup>
<sup>1</sup>NYU School of Medicine, <sup>2</sup>University  
 Hospital of Zurich

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 Friday, 10:00-10:30 AM

Pavillion Ballroom

### Coffee Break

Friday, 10:30-11:30 AM

*Grand Ballroom A & B*

**Invited Address**

**Stress, personal relationships, and immune function: Translating social support into health**

Janice Kiecolt-Glazer  
*Ohio State University*

Chair: John T. Cacioppo  
*University of Chicago*

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Friday, 11:30 AM-1:00 PM

**Lunch (on your own)**

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Friday, 1:00 - 2:30 PM

*Grand Ballroom A & B*

**Symposium 9**

**Affective and social aspects of face processing: Integrating electrophysiological and brain imaging studies**

Chairs: Diego Pizzagalli  
*University of Wisconsin, Madison*

**Let's face it, there's more than one way to read a face**

Aina Puce  
*Swinburne University of Technology*

**The influence of electrodermal orienting on simultaneously recorded neural activity: An fMRI study of emotion perception**

Leanne M. Williams<sup>1,2</sup>, Chris Rennie<sup>1,2</sup>,  
Jim Lagopoulos<sup>3</sup>, Michael J. Brammer<sup>4</sup>,  
Homi Bahramali<sup>2</sup>, Mary Phillips<sup>4</sup>,  
Gloria Olivieri<sup>1</sup>, Anthony Peduto<sup>1</sup>, &  
Evian Gordon<sup>2</sup>

<sup>1</sup>*Westmead Hospital*, <sup>2</sup>*University of Sydney*, <sup>3</sup>*Neuroscience Institute of Schizophrenia and Allied Disorders (NISAD) and The Brain Dynamics Centre*, <sup>4</sup>*Institute of Psychiatry, London*

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**Intra- and interindividual differences in self-reported liking of faces modulate activity within the fusiform gyrus and other face-sensitive regions: Integrating ERP and fMRI results**

Diego Pizzagalli<sup>1</sup>, Richard J. Davidson<sup>1</sup>,  
Roberto D. Pascual-Marqui<sup>2</sup>, & Dietrich  
Lehmann<sup>2</sup>

<sup>1</sup>*University of Wisconsin, Madison,*

<sup>2</sup>*The KEY Institute for Brain-Mind Research*

**The own-face effect: the neurophysiological basis of self-identity**

James Tanaka & Al Porterfield

*Oberlin College*

**Time-course of intermodal binding between seeing and hearing affective information**

Beatrice de Gelder & Gilles Pourtois

*Tilburg University & University of  
Louvain*

**Discussant: Aina Puce**

*Swinburne University*

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Friday, 1:00 - 2:30 PM

*Grand Ballroom C & D*

**Symposium 10**

**Emotional and cognitive determinants of post-stress cardiovascular recovery: The role of rumination in sustained blood pressure elevation**

Chair: William Gerin

*Mount Sinai*

**The effects of an anger-recall task on post-stress rumination and blood pressure recovery in men and women**

Amy R. Schwartz<sup>1</sup>, William Gerin<sup>2</sup>,  
Nicko Christenfeld<sup>3</sup>, Laura Glynn<sup>4</sup>,  
Karina Davidson<sup>2</sup>, & Thomas G.  
Pickering<sup>2</sup>

<sup>1</sup>*Stanford University,* <sup>2</sup>*Mount Sinai,* <sup>3</sup>*University  
of California, San Diego,* <sup>4</sup>*University of  
California, Irvine*

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**Measuring blood pressure recovery in the field using ambulatory monitoring**

William Karlin & Elizabeth Brondolo  
*St. John's University*

**Delayed cardiovascular recovery:  
Perseverative thinking and vagal inhibition**

Julian F. Thayer<sup>1</sup>, & Jos F. Brosschot<sup>2</sup>  
<sup>1</sup>*National Institute on Aging*, <sup>2</sup>*University of Leiden*

**Discussant:** Nicko Christenfeld

*University of California, San Diego*

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Friday, 2:30-3:00 PM  
*Pavillion Ballroom*

**Coffee Break**

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Friday, 3:00 - 4:30 PM  
*Grand Ballroom A & B*

**Symposium 11**

**Genetic psychophysiology**

Chair: E.J.C. De Geus  
*Vrije Universiteit*

**The importance of psychophysiology for gene hunting**

E.J.C. De Geus, D.I. Boomsma, D. Posthuma, C.E.M. Van Beijsterveldt, & G.C.M. van Baal  
*Vrije Universiteit*

**Genetic and environmental decomposition of the relation between exercise behavior and respiratory sinus arrhythmia**

H. Snieder<sup>1</sup>, D.I. Boomsma<sup>2</sup>, L.J.P. Van Doornen<sup>2</sup>, & E.J.C. De Geus<sup>2</sup>  
<sup>1</sup>*St. Thomas' Hospital*, <sup>2</sup>*Vrije Universiteit*

### **Genetics of P300 and EEG: Beyond heritability estimates**

A.P. Anokhin<sup>1</sup>, J.W. Rohrbaugh<sup>1</sup>, A.B. Vedeniapin<sup>1</sup>, G.C.M. van Baal<sup>2</sup>, C.E.M. Van Beijsterveldt<sup>2</sup>, E.J.C. De Geus<sup>2</sup>, & D.I. Boomsma<sup>2</sup>

<sup>1</sup>*Washington University School of Medicine, St. Louis*, <sup>2</sup>*Vrije Universiteit*

### **ERP phenotypes in a genetic study of working memory**

M.J. Wright<sup>1</sup>, N.K. Hansell<sup>1</sup>, G.M. Geffen<sup>1</sup>, L.B. Geffen<sup>1</sup>, G.A. Smith<sup>2</sup>, & N.G. Martin<sup>1</sup>

<sup>1</sup>*Queensland Institute of Medical Research*, <sup>2</sup>*The University of Queensland*

### **Exploring EEG coherence during working memory as an intermediate phenotype for linkage analysis**

G.C.M. Van Baal, D. Posthuma, E.J.C. De Geus, & D.I. Boomsma  
*Vrije Universiteit*

Friday, 3:00 - 4:30 PM  
*Grand Ballroom C & D*

## **Symposium 12**

### **In the mind's eye: A view through the pupil at cognition in psychopathology**

Chairs: Eric Granholm<sup>1,2</sup> & Stuart R. Steinhauer<sup>3,4</sup>

<sup>1</sup>*Veterans Affairs San Diego Healthcare System*, <sup>2</sup>*University of California, San Diego*, <sup>3</sup>*University of Pittsburgh School of Medicine*, <sup>4</sup>*Veterans Affairs Pittsburgh Healthcare System*

### **Pupillary responses index overload of processing resources in schizophrenia**

Eric Granholm

*Veterans Affairs San Diego Healthcare System & University of California, San Diego*

**Mechanisms of cognitive modulation in schizophrenia as determined by pupillary motility**

Stuart R. Steinhauer & Ruth Condray  
*University of Pittsburgh School of Medicine &  
Veterans Affairs Pittsburgh Healthcare System*

**Cognitive workload and pupil dilation: A useful and usable indicator of cognitive activity**

Sandra P. Marshall  
*San Diego State University*

**Pupillary and reaction time assessment of attention to emotional information in depression**

Greg J. Siegle  
*University of Pittsburgh School of Medicine  
& Veterans Affairs Pittsburgh Healthcare  
System*

**Discussant:** David Braff

*University of California, San Diego*

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Friday 4:30-6:30 PM  
*Pavillion Ballroom/ Garden Room*

**Poster Session 2**