



Society for Psychophysiological Research

2006 Program

Tuesday, October 24, 2006

8:30 a.m.-5:00 p.m.

Plaza Ballroom

Pre-Conference Workshop

(available for a separate fee)

The ERP Mini Boot Camp

Steve Luck, Center for Mind and Brain,
University of California at Davis

The *ERP Mini Boot Camp* is a two-day condensed workshop version of Steve Luck's week-long *ERP Boot Camp*. The workshop will provide an intensive introduction to the ERP technique, designed for beginning and intermediate ERP researchers at the graduate, post-graduate, and faculty levels. The goal of the *Boot Camp* is to provide an in-depth introduction to the everyday procedures that are used in ERP research, with an emphasis on how various procedures are actually performed and why they are performed that way.

The *Boot Camp* will consist of a set of lectures and demonstrations by Steve Luck that are tightly linked with his recent book, *An Introduction to the Event-Related Potential Technique* (MIT Press). Topics will include the following:

1. ERP Components
2. Design and Interpretation of ERP Experiments
3. Electrodes, Amplifiers, Filters, and Noise
4. Averaging, Artifact Rejection, and Artifact Correction
5. Measurement and Analysis of ERP Components
6. ERP Localization
7. Setting Up and Running an ERP Lab

8:30 a.m.-10:00 a.m.

Lecture 1: Introduction to ERPs and Common ERP Components

Reading: Luck (2005, Ch. 1)

10:00 a.m.-10:15 a.m.

Refreshment Break

10:15 a.m.-11:45 a.m.

Lecture 2: Understanding the Nature of ERP Components

Reading: Luck (2005, Ch. 2)

11:45 a.m.-1:00 p.m.

Lunch Break (on your own)

1:00 p.m.-2:00 p.m.

Lecture 3: Design and Interpretation of ERP Experiments

Reading: Luck (2005, Ch. 2)

2:00 p.m.-3:00 p.m.

Lecture 4: An Example of Experimental Design

Reading: Vogel, Luck, and Shapiro (1998)

3:00 p.m.-3:15 p.m.

Refreshment Break

3:15 p.m.-5:00 p.m.

Lecture 5: Recording ERPs

Reading: Luck (2005, Ch. 3)

Wednesday, October 25, 2006

8:30 a.m.-5:00 p.m.

Plaza Ballroom

Pre-Conference Workshop

The ERP Mini Boot Camp (continued)

8:30 a.m.-10:00 a.m.

Lecture 6: Averaging and Artifacts

Reading: Luck (2005, Ch. 4)

10:00 a.m.-10:15 a.m.

Refreshment Break

10:15 a.m.-11:45 a.m.

Lecture 7: Filtering and the Overlap Problem

Reading: Luck (2005, Ch. 5)

11:45 a.m.-1:00 p.m.

Lunch Break (on your own)

1:00 p.m.-2:00 p.m.

Lecture 8: Plotting, Measurement, and Statistics

Reading: Luck (2005, Ch. 6)

2:00 p.m.-3:00 p.m.

Lecture 9: Setting Up and Running an ERP Lab

Reading: Luck (2005, Ch. 8)

3:00 p.m.-3:15 p.m.

Refreshment Break

3:15 p.m.-5:00 p.m.

Lecture 10: ERP Localization

Reading: Luck (2005, Ch. 7)

Readings

Luck, S.J. (2005). *An Introduction to the Event-Related Potential Technique*. Cambridge, MA: MIT Press.

Vogel, E.K., Luck, S.J., and Shapiro, K.L. (1998). Electrophysiological evidence for a postperceptual locus of suppression during the attentional blink. *Journal of Experimental Psychology: Human Perception and Performance*, 24, 1656-1674.

12:00 noon-5:30 p.m.

Balmoral Room

SPR Board of Directors Meeting

5:00 p.m.-8:00 p.m.

Regency Ballroom Foyer

Registration

5:30 p.m.-8:00 p.m.

Perspectives (34th floor)

Opening Reception

(cash bar and light hors d'oeuvres)

All attendees are welcome!

Thursday, October 26, 2006

7:30 a.m.-4:00 p.m.

Regency Ballroom Foyer

Registration

8:00 a.m.-3:00 p.m.

Regency Ballroom C

Exhibits Open

8:00 a.m.-9:00 p.m.

Regency Ballroom C

Internet Café

8:30 a.m.-10:00 a.m.

Symposia Sessions

8:30 a.m.-10:00 a.m.

Regency Ballroom A

Symposium 1

NEUROPHYSIOLOGY OF VISUAL ATTENTION AND VISUAL SHORT-TERM MEMORY: FROM N2PC TO SPCN

Chair: Pierre Jolicoeur, University of Montreal

NEUROPHYSIOLOGY OF ATTENTION: INSIGHTS FROM THE N2PC COMPONENT

Steven J. Luck, UC-Davis

DISTRACTOR SUPPRESSION AND SELECTIVE TARGET PROCESSING IN VISUAL SEARCH

John J. McDonald, Simon Fraser University

ASSOCIATIONS AND DISSOCIATIONS AMONG ELECTROPHYSIOLOGICAL INDICES OF VISUAL SPATIAL ATTENTION AND SHORT-TERM MEMORY: EVIDENCE FROM EEG/ERPS AND MEG

Pierre Jolicoeur, Nicolas Robitaille, Brisson Benoit, Christophe Grova, and Kevin Sauve, University of Montreal

OBJECT REPRESENTATIONS ARE HELD IN VISUAL SHORT-TERM MEMORY DURING MENTAL ROTATION

David J. Prime, Hugo Chenier, and Pierre Jolicoeur, University of Montreal

8:30 a.m.-10:00 a.m.
Regency Ballroom D
Symposium 2

EMERGING PERSPECTIVES IN THE SOCIAL AND AFFECTIVE NEUROSCIENCE OF AGING

Chair: Lis Nielsen, National Institute on Aging

EMOTIONAL FUNCTIONING IN LATE LIFE: IMPACT OF NORMAL AGING AND NEURODEGENERATIVE DISEASE

Robert W. Levenson, University of California-Berkeley

PHYSIOLOGICAL FUNCTIONING IN A POPULATION BASED SAMPLE OF OLDER ADULTS

John T. Cacioppo¹, Louise C. Hawkley¹, Christopher M. Masi¹, Jarrett D. Berry², Thomas W. McDade³, and Emma Adam³

¹University of Chicago, ²Northwestern University Medical School and ³Northwestern University

EFFECTS OF AGING STEREOTYPES ON OLDER ADULTS' PHYSIOLOGICAL RESPONSES TO A MEMORY CHALLENGE

Kathi L. Heffner¹, Julie A. Suhr¹, Amy R. Borchardt¹, and Gailen D. Marshall²

¹Ohio University and ²University of Mississippi Medical Center

'PSYCHOBIOLOGICAL MARKERS' OF AGING: INSIGHTS FROM THE TELOMERE/TELOMERASE MAINTENANCE SYSTEM

Elissa Epel, University of California-San Francisco

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10:00 a.m.-10:30 a.m.
Regency Ballroom C
Refreshment Break

10:30 a.m.-11:30 a.m.
Regency Ballroom D
Invited Address

Inside Emotion: Affective Building Blocks
Kent Berridge, PhD, Department of Psychology, University of Michigan

11:30 a.m.-1:00 p.m.
Lunch Break (on your own)

11:30 a.m.-1:00 p.m.
Education and Training Committee
Roundtable Discussions
(Pre-registration requested by October 12)

1:00 p.m.-2:30 p.m.
Symposia Sessions

1:00 p.m.-2:30 p.m.
Regency Ballroom A
Symposium 3

THE EFFECTS OF NICOTINE, ABSTINENCE, AND DRUG CUES ON ATTENTION

Chair: Larry W. Hawk, The University at Buffalo

Discussant: David G. Gilbert, Southern Illinois University-Carbondale

EFFECTS OF NICOTINE ON ATTENTIONAL MODIFICATION OF PREPULSE INHIBITION OF STARTLE IN NON-SMOKERS

Joseph S. Baschangel, and Larry W. Hawk, The University at Buffalo

ABSTINENCE FROM SMOKING AND ERP INDICES OF ATTENTION

David J. Drobes^{1,2}, David E. Evans¹, and Nathan Maxfield²

¹Moffitt Cancer Center & Research Institute and ²University of South Florida

EFFECTS OF 24 HOUR SMOKING ABSTINENCE ON SUSTAINED ATTENTION: PRELIMINARY RESULTS OF AN FMRI STUDY

F. Joseph McClernon, Rachel V. Kozink, Avery M. Lutz, and Jed E. Rose, Duke University Medical Center

THE INFLUENCE OF WITHDRAWAL AND ANTICIPATION OF NICOTINE ON REGIONAL BRAIN ACTIVITY

Rebecca Gloria, Hillary Schaefer, James Davis, Matthew Majeskie, Burke Richardson, Richard J. Davidson, and Timothy B. Baker, University of Wisconsin-Madison

1:00 p.m.-2:30 p.m.
Regency Ballroom B
Symposium 4

EVENT-RELATED POTENTIALS AND INDIVIDUAL DIFFERENCES IN MENTAL ABILITY

Chair: Robert M. Stelmack, University of Ottawa

AN HISTORICAL PERSPECTIVE ON THE PSYCHOPHYSIOLOGY OF MENTAL ABILITY

Michael Houlihan, St. Thomas University

THE CHRONOMETRY OF MENTAL ABILITY: AN EVENT-RELATED POTENTIAL ANALYSIS OF AN AUDITORY ODDBALL DISCRIMINATION TASK

Robert M. Stelmack and Chris Beauchamp, University of Ottawa

INTELLIGENCE, P3, AND EVENT-RELATED OSCILLATIONS DURING AN AUDITORY DISCRIMINATION TASK

Vilfredo De Pascalis, V. Varriale, and A. Matteoli, University of Rome

ON THE RELATIONSHIP BETWEEN GENERAL INTELLIGENCE AND SENSORIMOTOR SPEED AS ASSESSED BY LATERALIZED READINESS POTENTIALS

Thomas Rammsayer and Jutta Stahl, University of Gottingen

1:00 p.m.-2:30 p.m.
Regency Ballroom D
Symposium 5

THE ROLE OF EMOTIONAL AROUSAL IN THE MODULATION OF VISUAL PERCEPTION AND ATTENTION

Chairs: Georg W. Alpers¹ and Andreas Keil²

¹University of Würzburg and ²University of Konstanz

Discussant: Paul Pauli, University of Würzburg

RECOGNITION MEMORY FOR EMOTIONAL PICTURES PRESENTED AT SLOW OR FAST RATES

Francesco Versace, Margaret M. Bradley, and Peter J. Lang, University of Florida

ATTENTIONAL MODULATION OF APPRAISAL IN EMOTION: THE CASE OF THE P3B

Sylvain Delplanque¹, Laetitia Silver², Pascal Hot³, and Henrique Sequeira⁴

¹University of Geneva, ²Oxford University, ³University of Caen, ⁴CNRS and University of Lille

STARTLE AND AUTONOMIC NERVOUS SYSTEM MODULATION WHILE VIEWING EMOTIONAL SCENES OR EMOTIONAL FACIAL EXPRESSIONS

Georg W. Alpers and Dirk Adolph, University of Würzburg

AUTOMATIC FACILITATION OF PERCEPTION AND ATTENTION IN EMOTION PROCESSING: THE ROLE OF STIMULUS CHANNELS

Andreas Keil, Niklas Ihssen, and Sabine Heim, University of Konstanz

2:30 p.m.-3:00 p.m.
Regency Ballroom C
Refreshment Break

3:00 p.m.-4:30 p.m.
Symposia Sessions

3:00 p.m.-4:30 p.m.
Regency Ballroom A
Symposium 6

EXERCISE AND CARDIOVASCULAR STRESS REACTIVITY: AN UPDATE

Chairs: Mark Hamer¹ and Eco J. de Geus²

¹University College London and ²Vrije Universiteit Amsterdam

Discussant: Eco J. de Geus, Vrije Universiteit Amsterdam

EXERCISE AS STRESS: PLEASURE AS A WINDOW INTO A POSSIBLE DUAL-ROUTE CONTROL MODEL

Panteleimon Ekkekakis, Iowa State University

EXERCISE AND STRESS REACTIVITY: CLARIFYING INCONSISTENCIES IN THE LITERATURE

Brandon Alderman, University of Wyoming

DETRAINING EFFECTS ON PSYCHOLOGICAL WELL-BEING AND STRESS REACTIVITY

Eco J. de Geus, Marije de Vries, Jeroen Kreft, Annet Goedhart, and Frank Bakker, Vrije Universiteit Amsterdam

THE EFFECTS OF EXERCISE TRAINING ON MENTAL STRESS-INDUCED ISCHEMIA

Simon L. Bacon¹, Andrew Sherwood², Alan Hinderliter³, Michael Babyak², Robert Waugh², Anastasia Georgiades², R. Edward Coleman², and James A. Blumenthal²

¹Concordia University, ²Duke University Medical Center, and ³University of North Carolina

IMPACT OF FITNESS AND ACUTE EXERCISE ON STRESS REACTIVITY IN THE FAMILIAL HYPERTENSION RISK MODEL

Mark Hamer¹ and Stephen H. Boutcher²

¹University College London and ²University New South Wales

3:00 p.m.-4:30 p.m.
Regency Ballroom B
Panel Discussion 7

SO YOU GOT THE ERP DATA SET — HOW DO YOU DEAL WITH IT? COMPONENT ANALYSIS METHODS TO THE RESCUE

Chair: Emanuel Donchin, University of South Florida

BEYOND PEAKS AND TROUGHS: THE ERP AS A MULTIVARIATE OBJECT. AN HISTORICAL REVIEW

Emanuel Donchin, University of South Florida

OPTIMIZATION OF SOURCE LOCALIZATION EFFORTS USING MULTIVARIATE DECOMPOSITION TECHNIQUES

Joseph Dien, University of Kansas

WHY WE ROTATE: QUESTIONING ASSUMPTIONS UNDERLYING SPATIAL-TEMPORAL PCA

Clay B. Holroyd, Olave E. Krigolson, and Kaivon Pakzad-Vaezi, University of Victoria

JOINT ICA OF FMRI AND ERP DATA

Vince D. Calhoun and Kent A. Kiehl, Yale University

3:00 p.m.-4:30 p.m.
Regency Ballroom D
Symposium 8

EMOTION REGULATION IN THE LABORATORY: CENTRAL AND PERIPHERAL CORRELATES OF THE COGNITIVE CONTROL OF EMOTION

Chairs: Jason S. Moser¹ and Greg Hajcak²,

¹University of Delaware and ²Stony Brook University

Discussant: Margaret M. Bradley, University of Florida

THE NOT-SO-SLIPPERY SLOPE: BRAIN RESPONSES DURING EMOTION REGULATION PREDICT DIURNAL CHANGES IN CORTISOL SECRETION

Heather L. Urry¹, Carien M. van Reekum², Tom Johnstone², Ned H. Kalin², Marchell E. Thurow², and Richard J. Davidson²

¹Tufts University and ²University of Wisconsin-Madison

AN ERP INVESTIGATION OF EMOTION REGULATION TO AFFECTIVE PICTURES

Jason S. Moser¹, Jason W. Krompinger¹, Emily Bukay¹, Greg Hajcak², and Robert F. Simons¹

¹University of Delaware and ²Stony Brook University

APPRAISING AND REAPPRAISING AFFECTIVE PICTURES: AUTOMATIC AND CONSCIOUS EMOTION REGULATION STRATEGIES MODULATE THE LPP

Greg Hajcak¹, Jason S. Moser², Sander T. Nieuwenhuis³, and Robert F. Simons²

¹Stony Brook University, ²University of Delaware and ³Leiden University

RESTING FRONTAL BRAIN ASYMMETRY AS A PREDICTOR OF ABILITY TO REGULATE NEGATIVE AFFECT

Daren C. Jackson¹, Cory A.B. Jackson¹, Nicholas G. Schwab¹, and Richard J. Davidson²

¹University of Wyoming and ²University of Wisconsin-Madison

4:30 p.m.-6:30 p.m.
Plaza Ballroom and Georgia Ballroom
Poster Session I

6:30 p.m.-8:30 p.m.
Grouse Room (34th floor)
Early Careers Conversation Hour
(Pre-registration requested by October 12)

Friday, October 27, 2006

8:00 a.m.-4:00 p.m.
Regency Ballroom Foyer
Registration

8:00 a.m.-3:00 p.m.
Regency Ballroom C
Exhibits Open

8:00 a.m.-9:00 p.m.
Regency Ballroom C
Internet Café

8:30 a.m.-10:00 a.m.
Symposia Sessions

8:30 a.m.-10:00 a.m.
Regency Ballroom D
Symposium 9

CLINICAL APPLICATIONS OF CONDITIONED FEAR: DEVELOPMENTAL RISK, IDIOGRAPHIC REACTIVITY, AND STRESS RESILIENCE

Chairs: Deane E. Aikins¹ and Shmuel Lissek²

¹Yale University and ²NIMH

Discussant: Bruce Cuthbert, University of Minnesota

AVERSIVE LEARNING AS A MARKER OF RISK FOR ANXIETY DISORDERS

Michelle G. Craske, R.L. Bergman, Edward Ornitz, Bruce Naliboff, Allison Waters, Maria Nazarian, and Ottmar Lipp, UCLA

USING SOCIALLY RELEVANT UNCONDITIONED STIMULI TO EXAMINE THE ASSOCIATIVE LEARNING COMPONENTS OF SOCIAL ANXIETY DISORDER

Shmuel Lissek, Jessica Levenson, Dana J. McDowell, Linda L. Johnson, Jessica Levine, Daniel S. Pine, and Christian Grillon, NIMH

SHOCK AND AWE: THE CONDITIONED FEAR RESPONSES OF PTSD AND COMBAT RESILIENT ACTIVE DUTY SERVICEMEN

Deane E. Aikins¹, Paul M. Morrissey², and Scott Orr³

¹Yale University, ²United States Army Medical Activity, and ³Harvard Medical School

**8:30 a.m.-10:00 a.m.
Regency Ballroom A
Symposium 10**

PERIPHERAL PSYCHOPHYSIOLOGY IN BRAIN IMAGING: FROM MAPS TO FUNCTION

Chair: Tom Johnstone, University of Wisconsin-Madison

Discussant: Richard J. Davidson, University of Wisconsin-Madison

INTEGRATING PSYCHOPHYSIOLOGY AND FMRI TO STUDY ATTENTION AND LEARNING

Kevin S. LaBar, Duke University

COMBINING EYEBLINK STARTLE REFLEX AND FMRI TO INVESTIGATE THE MULTIPLE LEVELS OF EMOTIONAL PROCESSING

Silke Anders, University of Tuebingen

FMRI CORRELATES OF PROLONGED PSYCHOPHYSIOLOGICAL ACTIVITY TO EMOTIONAL INFORMATION

Greg J. Siegle, Stuart R. Steinhauer, and Michael E. Thase, University of Pittsburgh

AUTONOMIC, BEHAVIORAL AND BRAIN MEASURES OF EMOTION REGULATION

Tom Johnstone¹, Carien M. van Reekum¹, Heather L. Urry², Ned H. Kalin¹, and Richard J. Davidson¹

¹University of Wisconsin-Madison and ²Tufts University

**10:00 a.m.-10:30 a.m.
Regency Ballroom C
Refreshment Break**

**10:30 a.m.-11:30 a.m.
Regency Ballroom D
Invited Address
From ERP to PDP and Back: A Tale of Conflict and Convergence**

Jonathan D. Cohen, MD, PhD, Center for the Study of Brain, Mind and Behavior, and Princeton Neuroscience Institute, Princeton University

**11:30 a.m.-1:00 p.m.
Lunch Break (on your own)**

**11:30 a.m.-1:00 p.m.
English Bay Room (34th floor)
Women in Science Lunch Box Discussion
(Pre-registration is requested by October 12)**

**1:00 p.m.-2:30 p.m.
Symposia Sessions**

**1:00 p.m.-2:30 p.m.
Regency Ballroom A
Symposium 11**

PLASTICITY OF FACE PERCEPTION: PSYCHOPHYSIOLOGICAL CORRELATES OF FAMILIARITY AND EXPERTISE

Chairs: Christian Dobel¹ and Stefan R. Schweinberger²

¹Westfälische Wilhelms-Universität Münster, ²Friedrich Schiller Universität Jena

MAGNETIC REFLECTIONS OF FACE PERCEPTION IN PERSONS WITH CONGENITAL PROSOPAGNOSIA AND CONTROLS

Christian Dobel, Westfälische Wilhelms-Universität Münster

CONFIGURATION VERSUS FEATURES: A WINDOW ON THE SPATIO-TEMPORAL NETWORK OF FACE PROCESSING ASSESSED BY ERP AND MEG

Roxane J. Itier, University of Toronto

PSYCHOPHYSIOLOGICAL CORRELATES OF FACE AND PERSON PERCEPTION

Stefan R. Schweinberger, Friedrich Schiller Universität Jena

THE ACQUISITION AND RETRIEVAL OF LONG-TERM FACE AND OBJECT REPRESENTATIONS

Jim Tanaka, University of Victoria

**1:00 p.m.-2:30 p.m.
Regency Ballroom D
Symposium 12**

MODERATORS AND MEDIATORS OF RELATIONS BETWEEN ANTERIOR EEG ASYMMETRY AND DEPRESSION

Chair: John P. Kline, University of South Alabama

REWARD SENSITIVITY IN DEPRESSION: A BIOBEHAVIORAL STUDY

Stewart A. Shankman¹, Daniel N. Klein², Craig E. Tenke³, and Gerard E. Bruder³

¹University of Illinois-Chicago, ²Stony Brook University, and ³New York State Psychiatric Institute

A COMMON MECHANISM RELATING REJECTION SENSITIVITY TO BOTH CORTISOL LEVELS AND FRONTAL ASYMMETRY?

Mattie Tops, University of Oregon

ALTERATION OF FRONTAL EEG ASYMMETRY DURING TRYPTOPHAN DEPLETION PREDICTS FUTURE DEPRESSION

John J.B. Allen¹, Katherine M. McKnight¹, Francisco A. Moreno¹, and Heath A. Demaree²

¹University of Arizona and ²Case Western Reserve University

RELATIVE LEFT-FRONTAL ACTIVITY CORRELATES WITH ANGER, NOT DEPRESSION, IN FIBROMYALGIA SYNDROME

John Shelley-Tremblay, Allen Ernst, and John P. Kline, University of South Alabama

BEHAVIORAL APPROACH DEPRESSION (BAD): THE NEUROBIOLOGY OF AN OXYMORON

John P. Kline, University of South Alabama

**1:00 p.m.-2:30 p.m.
Regency Ballroom B
Symposium 13**

PHYSIOLOGICAL MECHANISMS OF SELF-REGULATION

Chair: David M. Amodio, New York University

OVERCORRECTION, COMPUNCTION, OR MISATTRIBUTION? THE FRACTIONATION OF PHYSIOLOGICAL RESPONSES AND SELF-REPORTS IN RESPONSE TO STIGMATIZED PARTNERS

Wendy Berry Mendes, Harvard University

RACIAL INGROUP AND OUTGROUP BIASES IN EARLY ERP COMPONENTS AND THEIR ASSOCIATION WITH BEHAVIOR

Bruce D. Bartholow¹ and Cheryl L. Dickter²

¹University of Missouri-Columbia and ²University of North Carolina-Chapel Hill

ALTERNATIVE NEURAL MECHANISMS FOR REGULATING RACIAL RESPONSES ACCORDING TO INTERNAL VS. EXTERNAL CUES

David M. Amodio, New York University

INTEGRATING COGNITIVE DISSONANCE THEORY WITH NEUROCOGNITIVE MODELS OF CONTROL

Eddie Harmon-Jones, Texas A&M University

2:30 p.m.-3:00 p.m.
Regency Ballroom C
Refreshment Break

3:00 p.m.-4:30 p.m.
Symposia Sessions

3:00 p.m.-4:30 p.m.
Regency Ballroom A
Symposium 14

SLEEP SCIENCE 2006: AN INVITED SYMPOSIUM

Chair: Steven H. Woodward, VA Palo Alto HCS

THE HYPOCRETINS: WHERE EMOTION MEETS MOTION

Jerome M. Siegel^{1,2}

¹UCLA and ²Department of Veterans Affairs-Greater Los Angeles HCS

BRAIN IMAGING AND SLEEP

Eric A. Nofzinger, University of Pittsburgh

3:00 p.m.-4:30 p.m.
Regency Ballroom D
Symposium 15

THE SOCIAL CONTEXT OF AFFECTIVE PROCESSES: PSYCHOPHYSIOLOGICAL RESPONSES TO ENGAGING IN AND THINKING ABOUT INTERPERSONAL RELATIONSHIPS

Chairs: David A. Sbarra¹ and James A. Coan²

¹University of Arizona and ²University of Virginia

Discussant: Robert W. Levenson, University of California-Berkeley

WHY WE HOLD HANDS: SOCIAL REGULATION OF THE NEURAL THREAT RESPONSE

James A. Coan¹, Hillary S. Schaefer¹, and Richard J. Davidson²

¹University of Virginia and ²University of Wisconsin

RESPIRATORY SINUS ARRHYTHMIA AND THE IMPLICIT EVALUATION OF EMOTION REGULATION DURING SOCIAL INTERACTION

Emily A. Butler¹, Frank H. Wilhelm², Iris B. Mauss³, and James J. Gross⁴

¹University of Arizona, ²University of Basel, ³University of Denver, and ⁴Stanford University

AUTONOMIC CORRELATES OF SOCIAL LOSS: THE CASE OF DIVORCE

David A. Sbarra, University of Arizona

DAILY LONELINESS, MOOD, AND PROSPECTIVE CHANGES IN BLOOD PRESSURE

Louise C. Hawkey and John T. Cacioppo, University of Chicago

4:45 p.m.-5:45 p.m.
Regency Ballroom D
Invited Address

Experience Shapes Human Brain Development and Function

Helen Neville, MA, PhD
Brain Development Lab and Psychology Department, University of Oregon

6:00 p.m.-8:00 p.m.
Plaza Ballroom and Georgia Ballroom
Poster Session II

10:00 p.m.
Student Social Event
(location to be announced)
All students are welcome!

Saturday, October 28, 2006

8:00 a.m.-11:00 a.m.
Regency Ballroom C
Exhibits Open

8:00 a.m.-5:00 p.m.
Regency Ballroom C
Internet Café

8:30 a.m.-3:00 p.m.
Regency Ballroom Foyer
Registration

8:30 a.m.-10:00 a.m.
Symposia Sessions

8:30 a.m.-10:00 a.m.
Regency Ballroom D
Symposium 16

EMOTIONAL PROCESSING IN PSYCHOPATHY

Chair: Bruno Verschuere, Ghent University

FACETS OF PSYCHOPATHY AND EMOTIONAL MODULATION OF APPETITIVE AND DEFENSIVE REFLEXES

Jason R. Hall, Edward M. Bernat, Benjamin V. Steffen, and Christopher J. Patrick, University of Minnesota

ABERRANT EMOTIONAL WORD PROCESSING IN PSYCHOPATHY

Kent Kiehl^{1,2}

¹Yale University and ²Institute of Living

PREFRONTAL AND AMYGDALA ABNORMALITIES DURING DECISION MAKING IN CHILDREN WITH PSYCHOPATHIC TENDENCIES

Elizabeth C. Finger, Abigail A. Marsh, Derek G.V. Mitchell, Courtney Sims, Maggie Reid, Daniel Pine, and James Blair, NIMH

PSYCHOPATHIC TRAITS AND AFFECTIVE PROCESSING UNDER ATTENTIONAL LOAD

Jeremy D. Dvorak-Bertsch, John J. Curtin, Tal J. Rubinstein, and Joseph P. Newman, University of Wisconsin-Madison

8:30 a.m.-10:00 a.m.
Regency Ballroom A
Symposium 17

NEURAL CORRELATES OF OCULOMOTOR CONTROL: BASIC AND CLINICAL RESEARCH

Chairs: Ulrich Ettinger¹ and Benedikt Reuter²

¹Institute of Psychiatry-London and ²Humboldt-University-Berlin

NEURAL ACTIVITY IN PRIMATE PREFRONTAL CORTEX AND ANTERIOR CINGULATE ASSOCIATED WITH THE PERFORMANCE OF PRO- AND ANTI-SACCADES

Stefan Everling and Kevin Johnston, University of Western Ontario

RESPONSE INHIBITION AND GENERATION IN THE ANTISACCADE TASK: AN EVENT-RELATED FMRI STUDY

Ulrich Ettinger¹, Dominic Ffytche¹, Veena Kumari¹, Norbert Kathmann², Benedikt Reuter², Fernando Zelaya¹, and Steven C.R. Williams¹

¹Institute of Psychiatry-London and ²Humboldt-University-Berlin

BEYOND TASK PREPARATION: NEURAL CORRELATES OF SACCADE INITIATION AND INHIBITION IN AN EVENT-RELATED FMRI STUDY

Benedikt Reuter, Julia Bender, Norbert Kathmann, and Christian Kaufmann, Humboldt-University at Berlin

NEURAL CORRELATES OF ANTISACCADE AND DELAYED RESPONSE TASK PERFORMANCE IN PARTICIPANTS WITH SCHIZOPHRENIA AND THEIR BIOLOGICAL RELATIVES

Jennifer E. McDowell, Jazmin Camchong, Kara A. Dyckman, and Benjamin P. Austin, University of Georgia

THE EFFECT OF TRANSCRANIAL MAGNETIC STIMULATION OF FRONTAL OCULOMOTOR REGIONS ON SMOOTH PURSUIT

Gillian A. O'Driscoll, Danny Gagnon, Marie-Helene Grosbras, Bruce G. Pike, and Tomas Paus, McGill University

10:00 a.m.-10:30 a.m.
Regency Ballroom C
Refreshment Break

10:30 a.m.-11:30 a.m.
Regency Ballroom D
Awards for Distinguished Early Career Contribution to Psychophysiology

10:30 a.m.-11:00 a.m.
Thinking Ahead: The Role and Roots of Prediction in Language Comprehension
Kara Federmeier, University of Illinois, Urbana-Champaign

11:00 a.m.-11:30 a.m.
Toward Objective Characterizations of Depressive Phenotypes: A Multi-modal Approach
Diego Pizzagalli, Harvard University

11:30 a.m.-12:30 p.m.
Regency Ballroom D
Presidential Address
Temporal Attention Effects on Voluntary and Reflexive Reactions
Steven A. Hackley, PhD
Psychological Sciences, University of Missouri

12:45 p.m.-2:45 p.m.
Regency Ballroom D
Luncheon and General Business Meeting
Chair; Steven A. Hackley, PhD
SPR President

2:45 p.m.
Free Afternoon to Explore Vancouver!

7:00 p.m.-9:00 p.m.
Plaza Ballroom and Georgia Ballroom
Poster Session III

9:00 p.m.-12:00 midnight
Perspectives (34th floor)
Saturday Night Social
All attendees are welcome!
(cash bar and hors d'oeuvres)

Sunday, October 29, 2006

8:00 a.m.-10:00 a.m.
Grouse Room (34th floor)
Farewell Breakfast
Come at your leisure prior to leaving the conference! A continental breakfast will be available to all registrants!

8:30 a.m.-12:00 noon
Seymour Room (34th floor)
SPR Board of Directors Meeting