



2006 Annual Meeting • Poster Sessions

October 25-29, 2006 • Vancouver, British Columbia, Canada

Poster Session 3 • Saturday, October 28, 2006

Poster Session 3 Plaza Ballroom

Setup: 8:00 a.m.-9:30 a.m., Posters Assembled
Viewing: 9:30 a.m.-7:00 p.m., Posters Available for Viewing
Author Present: 7:00 p.m.-9:00 p.m.,
Authors Present for Discussion and Questions
Dismantle Posters: 9:00 p.m.-10:00 p.m., Dismantle Posters

1. DISTURBANCE OF ACTION CONTROL IN MAJOR DEPRESSION
Wouter Hulstijn¹, Didier Schrijvers², Yvonne Maas², Ellen R.A. De Bruijn¹, and Bernard G.C. Sabbe²
¹Nijmegen Institute for Cognition and Information,
²Collaborative Antwerp Psychiatric Research Institute
2. EFFECTS OF PHARMACOLOGICAL BLOOD PRESSURE ELEVATION ON CEREBRAL BLOOD FLOW AND COGNITIVE PERFORMANCE IN CHRONIC HYPOTENSION
Stefan Duschek, Miriam Hadjamu, and Rainer Schandry, University of Munich
3. FEEDBACK NEGATIVITY ON A TIME ESTIMATION TASK IN SCHIZOPHRENIA PATIENTS
Sarah Morris^{1,2}, Matthew Specht¹, and Erin Heerey³
¹VISN 5 MIRECC, ²University of Maryland, ³Maryland Psychiatric Research Center
4. MODULATION OF EYEBLINK AND POSTAURICULAR COMPONENTS OF STARTLE DURING ANTICIPATION OF REWARD (CHOCOLATE)
Miguel A. Munoz¹, Karen R. Hebert², Fernando Valle-Inclan³, Jaime Vila¹, and Steven A. Hackley²
¹University of Granada, ²University of Missouri-Columbia, ³University of La Coruna
5. EFFECT OF A FAMILIAL HISTORY OF ALCOHOLISM ON THETA AND ALPHA PHASE SYNCHRONIZATION DURING VISUAL TARGET PROCESSING
Todd D. Watson, Suchitra Krishnan-Sarin, Stephanie S. O'Malley, Elsa Daurignac, John H. Krystal, and Daniel H. Mathalon, Yale University
6. ADHD, BRAIN FUNCTIONING, AND THE TRANSCENDENTAL MEDITATION PROGRAM
Frederick T. Travis¹, Sarina J. Grosswald², and William Stixrud³
¹Maharishi University of Management, ²Institute for Science, Technology and Public Policy, ³George Washington University
7. PRIMING "WE" OR "THEY" AFFECTS LEVEL OF ORBITALIS OCULI ACTIVITY IN RESPONSE TO FUNNY FILMS
Arvid Kappas, and Dennis Küster, International University Bremen
8. EMOTIONAL STARTLE RESPONSE MODULATION AND ITS RELATION TO GENETIC MARKERS IN HEALTHY PARTICIPANTS AND ADULT ADHD PATIENTS
Pauli Pauli, Anette Conzelmann, Peter Weyers, Ron Mucha, Christian Jacob, Antje Gerdes, Stefan Schulz, Christina Bähne, Georg Alpers, and Klaus-Peter Lesch, University of Würzburg
9. PSYCHOPHYSIOLOGICAL ASSESSMENT OF PHOBIC FEAR RESPONSES DURING VIRTUAL TUNNEL DRIVES
Andreas Mühlberger¹, Heinrich H. Bühlhoff², Georg Wiedemann³, and Paul Pauli¹
¹University of Würzburg, ²Max Planck Institute for Biological Cybernetics, ³University of Frankfurt
10. BACKWARD RECOGNITION MASKING AND AUDITORY N1 ERP ENHANCEMENTS AT BRIEF STIMULUS INTERVALS
Timothy W. Budd¹, and Patricia T. Michie²
¹University of Newcastle, ²University of Newcastle, Australia
11. FUNCTIONAL NEUROIMAGING OF PREPULSE INHIBITION IN TOURETTE SYNDROME
Michael J. Crowley, Michael H. Bloch, Linda C. Mayes, James F. Leckman, and James E. Swain, Yale Child Study Center
12. EMOTIONAL STRESS, GENDER, AND AGE EFFECTS ON FACIAL SKIN POTENTIAL DISTRIBUTION
Volodymyr B. Bogdanov, Dmytro S. Gorlov, and Yuriy P. Gorgo, Taras Shevchenko National University of Kyiv
13. CORTICAL RESPONSE TO FOOD STIMULUS IN RESTRAINED EATERS UNDER EGO-THREAT ANXIETY: AN ERP SOURCE LOCALIZATION STUDY
Jaime R. Silva¹, and Diego A. Pizzagalli²
¹Universidad Mayor, ²Harvard University
14. I KNOW THEY REALLY LIKE ME: DEFENSIVENESS AS A MODERATOR IN NEUROENDOCRINE RESPONSES TO SOCIAL REJECTION
Ginette C. Blackhart¹, Lisa A. Eckel², and Dianne M. Tice²
¹East Tennessee State University, ²Florida State University
15. WHAT DO WE AND OUR BRAIN SEE WHEN WE DO NOT EXPECT A STIMULUS? RESULTS FROM A LATERALIZED EVENT-RELATED POTENTIAL STUDY (N2PC)
Andrea Schankin¹, and Edmund Wascher²
¹University of Missouri-Columbia, ²Leibniz Research Center for Working Environment and Human Factors

16. EFFECTS OF ATTENTION TRAINING ON THE DISTRIBUTION OF ATTENTIONAL RESOURCES
Heleen A. Slagter¹, Antoine Lutz¹, Larry L. Greischar¹, James Davis¹, Andrew D. Francis¹, Sander Nieuwenhuis², and Richard J. Davidson¹
¹University of Wisconsin-Madison, ²Leiden University
17. ERP GENERATOR PATTERNS IN SCHIZOPHRENIA DURING TONAL AND PHONETIC ODDBALL TASKS: EFFECTS OF RESPONSE HAND AND SILENT COUNT
Jürgen Kayser, Craig E. Tenke, Carlye B. Griggs, Nathan A. Gates, Chris J. Kroppmann, Roberto B. Gil, and Gerard E. Bruder, New York State Psychiatric Institute
18. THE USE OF PHYSIOLOGICAL MEASUREMENT IN THE ASSESSMENT OF FLIGHT TASK DIFFICULTY UNDER SIMULATED CONDITIONS
Maria Karavidas, Paul Lehrer, Evgeny Vaschillo, Bronya Vaschillo, Shou-En Lu, and Philaretos Karavidas, UMDNJ
19. CARDIAC REACTIVITY IN GOOD PERFORMERS ON THE IOWA GAMBLING TASK: “RISK AVOIDANCE” AND “SAFE APPROACH” STRATEGIES
Susana Montañés, Rosario Poy, María Carmen Pastor, Pilar Segarra, María Pilar Tormo, Esteban Martín, Raúl López, and Javier Moltó, Jaume I University
20. PLEASANT VS. UNPLEASANT CONDITIONED CUES IN AVERSIVE LEARNING (II): DIFFERENCES IN FEAR STARTLE POTENTIATION
María Carmen Pastor, Rosario Poy, Susana Montañés, Raúl López, Pilar Segarra, María Pilar Tormo, Esteban Martín, and Javier Moltó, Jaume I University
21. PLEASANT VS. UNPLEASANT CONDITIONED CUES IN AVERSIVE LEARNING (I): EFFECTS ON EXTINCTION OF ELECTRODERMAL CONDITIONED RESPONSES
Rosario Poy, María Carmen Pastor, Susana Montañés, Pilar Segarra, Raúl López, Esteban Martín, María Pilar Tormo, and Javier Moltó, Jaume I University
22. SUDDENLY I SEE: HAPPY FACES, FAST DISENGAGEMENT FROM ANGER AND THE ROLE OF DEFENSIVENESS
Nazanin Derakshan¹, Miles Hansard¹, and Ottmar Lipp²
¹Birkbeck University of London, ²University of Queensland
23. ERPS ELICITED BY AFFECTIVE PICTURES: EARLY ANTERIOR SENSITIVITY TO EROTIC CONTENT
Andrey P. Anokhin, and Simon Golosheykin, Washington University
24. MUCH EARLIER THAN N400: WORD SEMANTIC PRIMING IS REFLECTED IN THE N2PC ERP COMPONENT
Francesca Pesciarelli¹, Roberto Dell’Acqua¹, Francesca Peressotti¹, and Pierre Jolicoeur²
¹University of Padova, ²University of Montreal
25. AUTOMATIC PROCESSES OF THE REGULATION OF NEGATIVE AFFECT IN BORDERLINE PERSONALITY DISORDER: AN EVENT-RELATED FMRI STUDY
Katherine M. Putnam^{1,2}, Sivan Kinreich³, Garrett A. Warfield¹, Lauren B. McSweeney^{4,5}, Mary C. Zanarini^{4,5}, Scott L. Rauch^{5,6}, Dae-Shik Kim², Itamar Roenig², and Harish Sharma²
¹Boston VAMC, ²Boston University Medical Center, ³Boston University, ⁴McLean Hospital, ⁵Harvard Medical School, ⁶Massachusetts General Hospital
26. INCREASED MODULATION FREQUENCY IMPROVES THE SIGNAL-TO-NOISE RATIO OF THE EVENT RELATED OPTICAL SIGNAL (EROS)
Edward L. Maclin, Kathy A. Low, Yukyung Lee, Monica Fabiani, and Gabriele Gratton, University of Illinois-Urbana-Champaign
27. MENSTRUAL CYCLE PHASE RELATED ERP AMPLITUDE AND LATENCY DIFFERENCES IN THE PERCEPTION OF EMOTIONAL PROSODY
Amy J. Shipley¹, Daniel E. Everhart¹, and Heath A. Demaree²
¹East Carolina University, ²Case Western Reserve University
28. BLINK STARTLE MODULATION DURING EMOTIONAL WORDS AND FACES PRESENTED BACKWARDLY MASKED AND UNMASKED
Ottmar V. Lipp¹, Cassandra Tellegen¹, Sarah Price¹, Helena M. Purkis¹, and Nazanin Derakshan²
¹University of Queensland, ²Birkbeck, University of London
29. THE EFFECT OF THREAT OF SHOCK ON PHYSIOLOGICAL AND EVALUATIVE RESPONSES
Helena M. Purkis, and Ottmar V. Lipp, University of Queensland
30. EFFECT OF TASK DIFFICULTY AND TIME OF DAY ON HEART RATE AND SUBJECTIVE TIME EVALUATION
Wanda Ciarkowska, and Konrad Jankowski, Warsaw University
31. COUNTERMEASURE-PROOF, ERP-BASED DETECTION OF DECEPTION VIA SUBLIMINAL PRIMING
Ming A. Lui, and J. Peter Rosenfeld, Northwestern University
32. BRAIN FINGERPRINTING IN LABORATORY CONDITIONS
Lawrence A. Farwell¹, Rene S. Hernandez^{2,3}, and Drew C. Richardson^{4,5}
¹Brain Fingerprinting Laboratories, Inc., ²Navy Medical Research Institute, ³Uniformed Services University of the Health Sciences, ⁴Federal Bureau of Investigation Laboratory, ⁵Brain Fingerprinting Laboratories, Inc.
33. NEURAL PROCESSES DETECTING UNATTENDED SOMATOSENSORY TARGET STIMULI
Robert Dowman, Clarkson University
34. FRONTAL ASYMMETRY, MOOD, AND FIRST IMPRESSIONS: EXPERIMENTERS LIKE LEFT FRONTALLY ACTIVE PARTICIPANTS WHO ARE HAPPY
John P. Kline, Suzanne Allen, and Stephen P. Watkins, University of South Alabama
35. FRONTAL ASYMMETRY AND THE TWO COMPONENT MODEL OF DESIRABLE RESPONDING
John P. Kline, Stephen P. Watkins, and Suzanne Allen, University of South Alabama
36. APPRAISAL INFLUENCES ON SOMATOVISCERAL RESPONSES AND MOTIVATION
Tatjana Aue, and Klaus R. Scherer, University of Geneva
37. A COMPARISON OF READING ON COMPUTER SCREENS AND PRINT MEDIA: MEASUREMENT OF ATTENTION PATTERNS USING EEG
Joel C. Geske, and Saras Bellur, Iowa State University
38. AN EEG RESPONSE TO LINGUISTIC AMBIGUITY
Veena D. Dwivedi¹, Natalie A. Phillips¹, Stephanie Einagel¹, and Shari Baum²
¹Concordia University, ²McGill University

39. GRANGER CAUSALITY AS AN INDEX OF RE-ENTRANT ELECTROCORTICAL FACILITATION IN EMOTION PROCESSING
Andreas Keil¹, Niklas Ihssen¹, Sabine Heim¹, and Peter J. Lang²
¹University of Konstanz, ²University of Florida
40. ESTIMATING RSA FROM THE MATTRESS-RECORDED KINETOCARDIOGRAM
Steven H. Woodward¹, Ned J. Arsenault¹, Karin Voelker¹, Tram Nguyen¹, Janel Lynch¹, Greg Leskin¹, and Javaid Sheikh²
¹VA Palo Alto HCS, ²Stanford University
41. REVERSIBILITY OF METAPHOR PROCESSING: IMPROVING RELIABILITY USING ITEMS ANALYSIS
Victoria A. Kazmerski^{1,2}, and Dawn G. Blasko^{1,2}
¹Penn State Erie, ²The Behrend College
42. COMPARING CARDIOVASCULAR RESPONDING DURING ANGER MEMORY VERBALIZATION AND ANGER IMAGERY IN VIETNAM VETERANS WITH AND WITHOUT POSTTRAUMATIC STRESS DISORDER
Scott R. Vrana¹, Jennifer Runnals¹, Michelle F. Dennis², and Jean C. Beckham³
¹Virginia Commonwealth University, ²Durham VA Medical Center, ³Duke University Medical Center and Durham VA Medical Center
43. AUDITORY P300 ABNORMALITIES IN BIPOLAR DISORDER: EFFECT OF CLINICAL PHASE
Misty D. Bodkins¹, Jason K. Johannesen², William P. Hetrick¹, Colleen A. Brenner¹, Anantha Shekhar³, and Brian F. O'Donnell¹
¹Indiana University, ²Indiana University Purdue University-Indianapolis, ³Indiana University School of Medicine
44. EYEBLINK CONDITIONING DEFICITS INDICATE CEREBELLAR TIMING ABNORMALITIES IN BIPOLAR DISORDER
Amanda R. Bolbecker¹, Crystal S. Mehta¹, Chad R. Edwards¹, Jason K. Johannesen², Misty D. Bodkins², Anantha Shekhar³, Brian F. O'Donnell¹, and William P. Hetrick¹
¹Indiana University, ²Indiana University-Purdue University, ³Indiana University Medical School
45. DEFICITS IN THE MEMORY PHASE OF A VISUAL SPATIAL DELAYED MATCH-TO-SAMPLE TASK IN SCHIZOPHRENIA
Colleen A. Brenner, Brian F. O'Donnell, and William P. Hetrick
Indiana University-Bloomington
46. SELECTIVE ATTENTION MODULATES THE GAMMA-BAND AUDITORY STEADY-STATE RESPONSE
Patrick D. Skosnik, Giri P. Krishnan, and Brian F. O'Donnell,
Indiana University
47. ISI SHIFT IN AUDITORY DELAY EYE BLINK CONDITIONING IN HEALTHY HUMANS
Adam B. Steinmetz, Chad R. Edwards, Joseph E. Steinmetz, and William P. Hetrick,
Indiana University
48. PROCESSING EMOTIONAL FACE EXPRESSIONS IN POST-TRAUMATIC STRESS DISORDER
Michael E. Houlihan¹, Ian Fraser¹, Meaghan Donahue¹, Monica Sharma¹, Wendy Bourque², and Mary MacLean¹
¹St. Thomas University, ²University of New Brunswick
49. THE DYNAMICS OF FACIAL EXPRESSION DISCRIMINATION
Bruno Rossion, and Corentin Jacques. Université Catholique de Louvain
50. PERCEPTUAL FLUENCY SPEEDS UP AFFECTIVE MODULATION OF ERPS
Vera Ferrari¹, Maurizio Codispoti², Margaret M. Bradley¹, and Peter J. Lang¹
¹University of Florida, ²University of Bologna
51. DON'T BOTHER ME: EFFECTS OF A SECONDARY TASK ON MOTIVATED ATTENTION
Andreas Löw, Bethany C. Wangelin, Lisa M. McTeague, Margaret M. Bradley, and Peter J. Lang, University of Florida
52. SELECTIVE NUCLEUS ACCUMBENS AND MEDIAL FRONTAL CORTEX ACTIVATION IN APPETITIVE PICTURE PROCESSING
Dean Sabatinelli, Francesco Versace, Vincent D. Costa, Margaret M. Bradley, and Peter J. Lang, University of Florida
53. USING AFFECTIVE STARTLE MODIFICATION TO INVESTIGATE THE FACIAL FEEDBACK HYPOTHESIS
Joel Ellwanger¹, and Heline Mirzakhania²
¹California State University-Los Angeles, ²University of California-San Diego
54. PSYCHOPHYSIOLOGICAL CORRELATES OF PRESENCE: APPLICATION TO VIOLENT VIDEO GAMES
Richard J. Tafalla, Laura C. Brodhun, Matthew J. Jenks, and Chelsea R. Treiber, University of Wisconsin-Stout
55. CARDIOVASCULAR REACTIVITY DURING ANGER EXPRESSION IN WOMEN DEPENDS ON AGE, VOICE QUALITY AND CONTENT OF VERBAL TASK
Aurora Torres, and Charlsie Myers, UAH
56. EMBEDDING THE POSTAURICULAR REFLEX IN A NOMOLOGICAL NETWORK OF EMOTION
Stephen D. Benning¹, and Christopher J. Patrick²
¹Vanderbilt University, ²University of Minnesota-Twin Cities
57. AGING AND THE PROCESSING OF IRRELEVANT INFORMATION: AN ERP STUDY
Edmund Wascher, Nele Wild-Wall, and Michael Falkenstein, Leibniz Research Centre for Working Environment and Human Factors
58. CRIMINALITY, UNDERAROUSAL AND THE VALIDITY OF THE CONCEALED INFORMATION POLYGRAPH TEST
Bruno Verschuere, Geert Crombez, Ernst Koster, and Armand De Clercq, Ghent University
59. EMOTIONAL EFFECTS OF ODOURS: A MULTICOMPONENTIAL EXPERIMENTAL INVESTIGATION
Sylvain Delplanque¹, Christelle Chrea¹, Didier Grandjean¹, David Sander¹, Klaus Scherer¹, Christian Margot², and Maria Inés Velazco²
¹University of Geneva, ²Firmenich
60. SOMATOSENSORY STIMULATION DURING SOCIAL SUPPORT ACTIVATES ANTERIOR CINGULATE AND INSULAR CORTICES IN CHRONIC PAIN PATIENTS
Pedro Montoya¹, Wolfgang Larbig², Rubén Miranda¹, Carolina Sitges¹, Ralf Veit², and Niels Birbaumer²
¹University of Balearic Islands, ²University of Tübingen
61. PRINCIPAL COMPONENT ANALYSIS CLARIFIES THE COMPONENT STRUCTURE OF ERPS FOLLOWING ERRORS
Yael Arbel, and Emanuel Donchin, University of South Florida
62. THE ROLE OF SEGMENTATION CUES DURING RULE LEARNING IN ARTIFICIAL SPEECH AS REFLECTED BY ERPS
Jutta L. Mueller, Jörg Bahlmann, and Angela D. Friederici, Max Planck Institute for Human Cognitive and Brain Sciences

63. EEG PHOTIC DRIVING REACTIVITY IN PARTIAL EPILEPSY
Vladimir V. Lazarev, Maria Alice Genofre, and Leonardo C. deAzevedo, Oswaldo Cruz Foundation
64. MULTIVARIATE AND NON PARAMETRIC DETECTION OF EVENT-RELATED BRAIN DYNAMICS
Maria L. Bringas¹, Margarita M. Baez¹, John F. Connolly², and Pedro A. Valdes³
¹International Center for Neurological Rehabilitation, ²University of Dalhousie, ³Cuban Neuroscience Center
65. PERCEPTION OF MOONEY FACES BY TEENS WITH AND WITHOUT AUTISM
Sara Jane Webb, and Audrey Quinn, University of Washington
66. SEMANTIC ORGANISATION IN VERBAL EPISODIC ENCODING: AN ELECTROPHYSIOLOGICAL STUDY
Geneviève Gagnon^{1,2,3}, Célyne Bastien¹, and Sophie Blanchet^{2,3}
¹Laval University, ²Center for Interdisciplinary Research in Rehabilitation and Social Integration, ³Institut de Réadaptation en Déficience Physique de Quebec
67. REFRESHING MEMORY FOR DETAILS OF A MOCK CRIME DOES NOT ENHANCE THE ACCURACY OF A P300 GUILTY KNOWLEDGE LABORATORY TEST ADMINISTERED AT 1 MONTH AND 1 YEAR LATER OF THE MOCK CRIME
Shinji Hira¹, Isato Furumitsu², and John J. Furedy³
¹Fukuyama University, ²University of East Asia, ³University of Toronto
68. EFFECTS OF IMPULSIVE AGGRESSION AND SUBSTANCE DEPENDENCE ON COGNITIVE SET-SHIFTING: A P3 STUDY
Rebecca J. Houston^{1,2}, and Matthew S. Stanford³
¹Research Inst. on Addictions, ²University at Buffalo, ³Baylor University
69. AMYGDALA CORRELATES OF EXAGGERATED STARTLE EYEBLINK DURING UNPLEASANT STIMULI IN BORDER-LINE PERSONALITY DISORDER
Erin A. Hazlett, Kim E. Goldstein, M. Mehmet Haznedar, Larry J. Siever, and Antonia S. New, Mount Sinai School of Medicine
70. THE MANY SHADES OF LEXICAL AMBIGUITY
Vanessa Taler¹, Ekaterini Klepousniotou², and Natalie A. Phillips¹
¹Concordia University, ²McGill University
71. CLASSICAL CONDITIONING INCREASES AUTONOMIC AND SUBJECTIVE PAIN RESPONSES IN HUMAN SUBJECTS
Per M. Aslaksen, and Magne A. Flaten, University of Tromsø
72. CONTINGENCY JUDGMENT AND P3 AMPLITUDE IN A RULE DISCOVERY TASK
Nobuyoshi Iwaki¹, Akemi Sasaki¹, and Naohito Fujiwara²
¹Kyushu Women's University, ²Ryukoku University
73. STATISTICAL PROCESSING OF FACIAL ELECTROMYOGRAPHY (EMG) SIGNALS IN EMOTIONAL FILM SCENES
Joyce Westerink¹, Egon L. van den Broek², Jan van Herk¹, Kees Tuinenbreijer³, and Marleen Schut³
¹Philips Research, ²Twente University, ³Philips Consumer Electronics
74. STARTLE EYEBLINK MODIFIED BY EMOTION WORDS DISTINGUISHES INTERPERSONAL VIOLENCE SURVIVORS FROM CONTROLS
Joel Ellwanger¹, and Christine D. Scher²
¹California State University-Los Angeles, ²California State University-San Bernardino
75. ASSESSMENT OF FATIGUE BY ERP ASSOCIATED WITH OFFSET OF SACCADIC EYE MOVEMENTS
Yagi A.Y. Akihiro¹, Fujimoto K.F. Kiyoshi², Fukui D.F. Daisaku¹, and Nakanishi S.N. Seiji¹
¹Integrated Psychological Science, ²Applied Psychological Science
76. POSTERIOR CINGULATE ACTIVITY PREDICTS INDIVIDUAL DIFFERENCES IN BLOOD PRESSURE DURING STRESS
Peter J. Gianaros, J. Richard Jennings, Leslie A. Mitrik, Lei K. Sheu, and Karen A. Matthews, University of Pittsburgh
77. QUANTIFYING STARTLE-INDUCED EYEBLINK RESPONSES IN EMG BY MEANS OF THE ENVELOPE METHOD
Hugo G. Van Steenis, Roelie J. Hempel, Joke H.M. Tulen, and Michiel W. Hengeveld, Erasmus MC
78. THE MODERATING EFFECTS OF FITNESS AND FATNESS ON CARDIOVASCULAR STRESS RESPONSIVITY
Mark Hamer¹, and Stephen H. Boutcher²
¹University College London, ²University of New South Wales
79. ALPHA2-ADRENORECEPTORS INFLUENCE VOLUNTARY AND INVOLUNTARY MOTOR RESPONSES TO STARTLING STIMULI
Hartmut Schachinger, Christine Philippsen, and Melanie Hahn, University of Trier
80. FAMILY CONFLICT AND THE TRANSITION TO COLLEGE: EFFECTS ON CARDIOVASCULAR AND CORTISOL REACTIVITY IN LATE ADOLESCENTS
Kerry C. Michael, and Aurora Torres, University of Alabama-Huntsville
81. DECISION MAKING AND THE SOMATIC MARKER HYPOTHESIS: EMOTIONAL AROUSAL AND AFFECTIVE VALENCE
Jose M. Martinez-Selva, Juan P. Sanchez-Navarro, Esther Ato, and Francisco Roman, Universidad de Murcia
82. THE PERSISTENCE OF A STATE REGULATION DEFICIT IN ADULT ADHD: AN EVENT-RELATED POTENTIAL STUDY
Jan R. Wiersema¹, Jacob J. van der Meere², Inge Antrop¹, and Herbert Roeyers¹
¹Ghent University, ²Groningen University
83. ABSTRACT REGULARITY VIOLATION CAUSES DISTRACTION
Erich Schroger, Alexandra Bendixen, and Urte Roeber, Institute Psychology I
84. MOVING THE PHANTOM: MIND OVER MATTER?
Herta Flor^{1,2}, and Martin Diers^{1,2}
¹University of Heidelberg, ²Central Institute of Mental Health
85. HAPPINESS CANNOT BE IGNORED: A STUDY ON EMOTION RECOGNITION THROUGH EYE MOVEMENTS
Paola Bonifacci, Rosita Borlimi, Cristina Ottaviani, and Silvana Contento, University of Bologna
86. SEROTONERGIC MODULATION OF CARDIAC CONCOMITANTS OF PERFORMANCE MONITORING
Frederik M. van der Veen¹, Elisabeth A. Evers², Eric F. Vuurman², Nicolaas E. Deutz², and Jelle Jolles²
¹Erasmus MC, ²University of Maastricht

87. ENDOGENOUS EYE BLINKS, ERP CORRELATES OF EARLY SENSORY PROCESSING AND MORNING NUTRITION
R.T. Pivik^{1,2}
¹Arkansas Children's Nutrition Center, ²University of Arkansas-Little Rock
88. NEGATIVE EMOTION: NOT ALWAYS BAD, HIDING FEELINGS: NOT ALWAYS GOOD
Jie Pu, Heath A. Demaree, and Jennifer L. Robinson, Case Western Reserve University
89. IMPACT OF FRONTAL DAMAGE ON NEURAL CORRELATES OF EPISODIC ENCODING INVESTIGATED WITH EVENT-RELATED POTENTIALS
Sophie Blanchet^{1,2,3}, Chantal Bard^{1,2,3}, and Célyne Bastien^{3,4}
¹Center for Interdisciplinary Research in Rehabilitation and Social Integration, ²IRDPQ, ³Université Laval, ⁴Robert-Giffard Research Center
90. SELECTIVE DISSOCIATION OF FACTOR EFFECTS ON REACTION TIME AND ERP COMPONENT LATENCIES IN AN ERIKSEN FLANKER TASK
Theodore R. Bashore¹, Paul E. Rapp², and Grant L. Morris¹
¹University of Northern Colorado, ²Drexel University School of Medicine
91. GIVING ADVICE IN BLACKJACK
Johannes Hewig, Ralf H. Trippe, Holger Hecht, and Wolfgang H.R. Milner, Friedrich-Schiller-Universität Jena
92. BRAIN ACTIVITY DURING REWARD LEARNING: SIMULTANEOUS RECORDING OF PET AND ERN
Hideki Ohira¹, Naho Ichikawa¹, Tokiko Isowa², Michio Nomura³, Kenta Kimura¹, Makoto Miyakoshi¹, Noriaki Kanayama¹, Seisuke Fukuyama⁴, Jun Shinoda⁴, and Jitsuhiro Yamada⁴
¹Nagoya University, ²Mie Prefectural College of Nursing, ³Tokai Women's University, ⁴Kizawa Memorial Hospital
93. A TEST OF FUNCTIONAL SIGNIFICANCE OF THE ERROR-RELATED NEGATIVITY IN OBSERVERS
Hiroaki Masaki¹, Hiroshi Nittono², Noriyoshi Takasawa³, and Katuo Yamazaki¹
¹Waseda University, ²Hiroshima University, ³Edogawa University
94. THE LAMBDA RESPONSE FORM IS CHANGED BY SPATIAL FREQUENCY OF VISUAL STIMULI
Keiko Ogawa¹, Hiroaki Masaki¹, Hiroshi Nittono², Tadao Hori², and Katuo Yamazaki¹
¹Waseda University, ²Hiroshima University
95. A LIFE LONG DEVELOPMENT OF ENDOGENOUS EYE-BLINKS (2):
Tada Hidoeki¹, and Sugiyama Toshiko²
¹Tohoku-Gakuin University, ²Tohoku University
96. MODULATION OF CARDIAC DEFENSE BY AFFECTIVE SOUNDS
Jose L. Mata¹, Sonia Rodriguez¹, Maria I. Viedma-del Jesus¹, Aydamari J.P. Faria Junior², and Jaime Vila¹
¹University of Granada, ²Federal Fluminense University
97. I DON'T LIKE SPIDERS AND SNAKES: RESTING HEART RATE VARIABILITY IS HIGHER IN FEMALE ANIMAL PHOBICS THAN BLOOD PHOBICS OR NON-PHOBIC CONTROLS
Elisabeth Ruiz-Padial¹, Jaime Vila², and Julian F. Thayer³
¹University of Jaen, ²University of Granada, ³The Ohio State University
98. THE EFFECTS OF THE PHYSICAL WORK ENVIRONMENT ON CIRCADIAN VARIATIONS IN HEART RATE VARIABILITY
Julian F. Thayer¹, Israel Christie², Anthony West³, Carolyn Sterling², Darrell Abernethy², Giovanni Cizza², Andrea Deak², Terry Phillips², Judith Heerwagen³, Kevin Kampschroer³, John J. Soller¹, and Esther M. Sternberg²
¹The Ohio State University, ²National Institutes of Health, ³United States General Services Administration
99. NONCONSCIOUS COMPETITION PRIMING MODULATES FACIAL REACTIONS TO AVATAR EMOTIONAL FACES
Peter Weyers, Andreas Mühlberger, Anja Kund, and Paul Pauli, University of Würzburg
100. ATTENTION MODULATES CROSS-MODAL SEMANTIC PRIMING AS REFLECTED BY THE N400
Margarita M. Baez- Martin¹, Maria L. Bringas-Vega¹, John Connolly², Maria C. Perez-Abalo³, Yamile Fernandez³, Marilyn Bermudez-Zaldivar⁴, Abel Sanchez-Coroneaux¹, and Ivette Cabrera-Abreu¹
¹International Center for Neurological Restoration, ²Dalhousie University, ³Cuban Neuroscience Center
101. ATTENTIONAL DISTRACTION REDUCES THE AFFECTIVE BUT NOT THE SENSORY DIMENSION OF PERCEIVED BREATHLESSNESS
Andreas von Leupoldt, Nadine Seemann, Tatiana Gugleva, and Bernhard Dahme, University of Hamburg
102. INFLUENCE OF PARITY ON NEUROLOGICAL FUNCTIONING
Quetzal A. Class, Julie V. Patterson, Matt Gierczak, Curt A. Sandman, and Laura M. Glynn, University of California-Irvine
103. THE EFFECT OF THE PRESENCE OF ANOTHER PERSON ON SPONTANEOUS EYEBLINKING WHILE RECEIVING PLEASANT-UNPLEASANT VISUAL STIMULI
Yasuko Omori, Yuko Hayashi, and Yukiko Tatsuhira, Jin-ai University
104. VOWEL DURATION PROCESSING IN SPEAKERS OF FINNISH AND GERMAN: AN MMN STUDY
Ursula Kirmse¹, Sari Ylinen², Mari Tervaniemi², Erich Schroger¹, and Thomas Jacobsen¹
¹University of Leipzig, ²University of Helsinki
105. ABNORMAL SELECTIVE ATTENTION EFFECTS ON NEURAL SYNCHRONY DURING VISUAL STIMULUS PROCESSING IN SCHIZOPHRENIA
Handan Gunduz-Bruce, Judith M. Ford, Brian J. Roach, and Daniel H. Mathalon, Yale University
106. BCI-REGULATION OF NEURONAL SUBSTRATES OF EMOTIONS
Niels Birbaumer^{1,2}, and Ranganatha Sitaram³
¹University of Tuebingen, ²NIH, ³University of Tübingen

107. EVENT-RELATED POTENTIAL INVESTIGATION OF TRANSFER APPROPRIATE PROCESSING: ROLE OF MEMORY FOR PERCEPTUAL GROUPING PROCESSES AND GLOBAL SHAPES, PARTS, AND LOCAL CONTOURS IN VISUAL OBJECT COGNITION
Haline E. Schendan¹, and Marta Kutas²
¹Tufts University, ²University of California-San Diego
108. CAN LYING BE DIAGNOSED USING FMRI?
George T. Monteleone, K. Luan Phan, Daniel A. Fitzgerald, John S. Irick, Louise C. Hawkey, and John T. Cacioppo, University of Chicago
109. SCHIZOPHRENIA AND AFFECTIVE PSYCHOSIS SHOW DIFFERENTIAL REDUCTION OF THE FACE-RELATED N170 ERP AT FIRST-HOSPITALIZATION
Spencer K. Lynn^{1,2}, Toshiaki Onitsuka^{1,3}, Robert W. McCarley^{1,3}, and Dean F. Salisbury^{1,2}
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110. EXPECTING THE UNEXPECTED: EXPECTANCY TRUMPS ASSOCIATION AND MODULATES N400 ON A NEELY-TYPE TASK
Dean F. Salisbury^{1,2}, Courtney L. Brown^{1,2}, and Akanksha Thakur^{1,2}
¹McLean Hospital, ²Harvard Medical School
111. HIGH FREQUENCY ACTIVITY IN SPONTANEOUS EEG FROM YOUNG CHILDREN WITH AUTISM: A TWO SAMPLE STUDY
Elena V. Orekhova¹, Tatiana A. Stroganova², Gudrun Nygren¹, Irina N. Posikera², Marina M. Tcetlin², Christopher Gillberg¹, and Mikael Elam¹
¹Gothenburg University, ²Moscow Psychological and Pedagogical University
112. ATYPICAL LATERALIZATION OF SPONTANEOUS EEG IN YOUNG CHILDREN WITH AUTISM: A TWO SAMPLE STUDY
Tatiana A. Stroganova¹, Elena V. Orekhova², Gudrun Nygren², Marina M. Tcetlin¹, Irina N. Posikera¹, Christopher Gillberg², and Mikael Elam²
¹Moscow Psychological and Pedagogical University, ²Gothenburg University
113. AN FMRI INVESTIGATION OF THE BRAIN'S RESPONSE TO WITNESSING ANOTHER'S ERRORS
Matthew S. Shane¹, Michael C. Stevens¹, and Kent A. Kiehl²
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114. INTENSE EMOTIONS: DEVELOPMENTAL DIFFERENCES IN COGNITIVE/EMOTIONAL PROCESSING OF THE VISUAL PORTRAYAL OF THREAT IN SUBSTANCE ABUSE PREVENTION MESSAGES
Paul D. Bolls, Jerri Zhang, and Stephannie Miles, University of Missouri
115. YUCK: THE EFFECT OF FEAR APPEAL AND DISGUST IMAGES ON PROCESSING ANTI-SMOKING ADS
Glenn Leshner, Stephannie Miles, Paul D. Bolls, and Erika Thomas, University of Missouri
116. COGNITIVE EFFORT, AROUSAL, AND RECOGNITION IN READING ONLINE NEWS AS A FUNCTION OF THE NUMBER OF AVAILABLE OPTIONS
Kevin Wise, Paul Bolls, and Samantha Schaefer, University of Missouri-Columbia
117. MEDIATORS OF THE RELATIONSHIP BETWEEN PTSD AND HEART RATE RESPONSE TO TRAUMA CUES: THE ROLES OF NEGATIVE AFFECTIVITY, DISCONSTRAINT, AND ANTISOCIALITY
Jason M. Fogler^{1,2}, Mark W. Miller^{1,2}, Danny G. Kaloupek^{1,2}, and Terence M. Keane^{1,2}
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118. SPATIAL COMPATIBILITY EFFECTS WITHOUT AWARENESS OF STIMULUS LOCATION
Fernando Valle-Inclan¹, Felix Sohn², and Milagros Redondo¹
¹University of La Coruña, ²University of Tübingen
119. USING EVENT-RELATED BRAIN POTENTIALS TO STUDY CATEGORICAL SPEECH PERCEPTION IN CHILDREN
Kimberly J. McIvor¹, John F. Connolly², and Patricia L. Cleave¹
¹Dalhousie University, ²Dalhousie University
120. FEAR VS. HUMOR: COLLEGE STUDENTS' PHYSIOLOGICAL, COGNITIVE AND EMOTIONAL RESPONSES TO ANTI-ALCOHOL ABUSE MESSAGES BASED ON REBELLIUS RISK-TAKING TENDENCY
Moon J. Lee, and Mija Shin, Washington State University
121. SOCIAL FACTORS INTERACT WITH THE AFFECTIVE MODULATION OF THE POST AURICULAR REFLEX (PAR)
Regina C. Lapate, Carien M. van Reekum, Catherine J. Norris, Gina M. Beguhn, Larry L. Greischar, Nancy B. Rawlings, and Richard J. Davidson, University of Wisconsin-Madison
122. VENTROMEDIAL PREFRONTAL ACTIVATION AT BASELINE AND IN RESPONSE TO AFFECTIVE PICTURES PREDICTS POSITIVE AFFECTIVE STYLE: A SOURCE LOCALIZATION STUDY
Catherine J. Norris, Carien M. van Reekum, Larry L. Greischar, Regina C. Lapate, Gina M. Beguhn, Nancy B. Rawlings, and Richard J. Davidson, University of Wisconsin-Madison
123. NEURAL SUBSTRATES OF VOLUNTARY REGULATION OF NEGATIVE AFFECT IN ADOLESCENCE
Jonathan A. Oler¹, Tom Johnstone¹, Carien M. van Reekum¹, Emily C. Mazzulla¹, Paul J. Whalen², Ned H. Kalin¹, Marilyn J. Essex¹, and Richard J. Davidson¹
¹University of Wisconsin-Madison, ²Dartmouth College
124. INDIVIDUAL DIFFERENCES IN AFFECTIVE STYLE PREDICT STARTLE EYEBLINK AND POST-AURICULAR REACTIVITY TO VALENCED PICTURES
Carien M. van Reekum, Catherine J. Norris, Regina C. Lapate, Gina M. Beguhn, Larry L. Greischar, Nancy B. Rawlings, and Richard J. Davidson, University of Wisconsin-Madison
125. NEUROIMAGING EVIDENCE FOR OBJECT MODEL VERIFICATION THEORY: ROLE OF PREFRONTAL CONTROL IN VISUAL OBJECT CATEGORIZATION
Giorgio Ganis^{1,2,3}, Haline E. Schendan^{1,2,5}, and Stephen M. Kosslyn^{3,2}
¹Harvard Medical School, ²Massachusetts General Hospital, ³Harvard University, ⁴Tufts University, ⁵Boston University
126. EXAMINING THE FEEDBACK ERROR-RELATED NEGATIVITY USING PREDICTIVE STIMULI
Robert Baker, Olav E. Krigolson, and Clay B. Holroyd, University of Victoria
127. HIERARCHICAL ERROR PROCESSING DURING MOTOR CONTROL
Olav E. Krigolson, and Clay B. Holroyd, University of Victoria

128. THE ROLE OF MEDIAL-FRONTAL CORTEX IN SEQUENCE LEARNING
Olave E. Krigolson, Kyle Mathewson, Travis Baker, Rob Baker, and Clay B. Holroyd, University of Victoria
129. SLOW MOTION? SENSATIONAL!: EFFECTS OF SENSATION SEEKING ON PROCESSING TELEVISION MESSAGES WITH SLOW MOTION
Seungjo Lee, Indiana University
130. SENSORY PROCESSING, PHYSIOLOGICAL REACTIVITY AND ADAPTIVE BEHAVIOR IN AUTISM
Roseann C. Schaaf¹, Teal Benevides¹, Lucy Jane Miller², Sarah Shoen², Barbara Brett-Green², L. Diane Parham³, and Teresa May-Benson^{4,5}
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131. CORTICAL SLOW WAVE REACTIVITY DURING EXPLICIT AND INCIDENTAL AFFECTIVE PROCESSING
Meredith L. Cadwallader, Edward M. Bernat, and Christopher J. Patrick, University of Minnesota
132. TRAIT INHIBITORY CONTROL IS ASSOCIATED WITH AN ENHANCED EARLY ERP RESPONSE TO NOGO STIMULI
Alma Dzafic, William L. Schoeppner, Kim Jiyon, Vaughn R. Steele, Hannah Scott, Edward M. Bernat, and Christopher J. Patrick, University of Minnesota
133. CREATINE SUPPLEMENTATION, SLEEP DEPRIVATION, CORTISOL, MELATONIN AND BEHAVIOR
Terry McMorris¹, Roger C. Harris¹, Alan N. Howard², and Christopher Hodgson¹
¹University of Chichester, ²Howard Foundation
134. LIFE-LONG DEVELOPMENT AND GENDER DIFFERENCE IN ENDOGENOUS EYEBLINKS(2): CHILDHOOD'S DEVELOPMENT FROM INFANTS TO TEEN-AGERS
Toshiko Sugiyama¹, and Hideoki Tada²
¹Tohoku University, ²Tohoku-Gakuin University
135. HEART RATE PARAMETERS TO EVALUATE ALCOHOL CHALLENGE AND PLACEBO EFFECTS
Evgeny G. Vaschillo¹, Bronya Vaschillo¹, Marsha E. Bates¹, Paul Lehrer², Tomoko Udo¹, Sushimita Ray¹, and Robert Pandina¹
¹Rutgers University, ²UMDNJ
136. EFFECTS OF PREPULSE INTENSITY RELATIVE TO BACKGROUND NOISE ON STARTLE INHIBITION AND ELICITATION
Joseph C. Franklin, and Terry D. Blumenthal, Wake Forest University