Poster Session III: Saturday, October 9

1. **Tursky Award Winner**

2. **Nb latency of the AEP as an indicator of awareness during anaesthesia**
   Hannie van Hooff[1], Emma Loveman[1], & David Smith[2]
   [1]Southampton Institute, [2]Southampton General Hospital

3. **Comparison of N1 refractoriness across long interstimulus intervals between monkey and rat models**
   C.M. Specht[1], M. Jayachandra[1], D.W. Shucard[2], C.E. Schroeder[1], & D.C. Javitt[1]
   [1]Nathan Kline Institute for Psychiatric Research, [2]State University of New York at Buffalo

4. **Auditory transient and sustained responses as a function of interstimulus interval**
   Hannu Tiitinen[1] & Patrick May[2]
   [1]University of Helsinki, [2]King's College London

5. **Neuromagnetic study of spontaneous and voluntary eyeblinks**
   Hiroshi Asada[1] & Fumio Yamada[2]
   [1]Osaka Prefecture University, [2]Osaka Prefectural College of Nursing

6. **The amplitude of auditory N1 is reduced in Alzheimer's patients relative to matched controls**
   Helen Gaeta, David Friedman, Walter Ritter, & Jeff Cheng
   New York Psychiatric Institute

7. **Auditory evoked potentials in blind humans suggest functional reorganization in occipital cortex**
   Franco Lepore, Charles Leclerc, Dave Saint-Amour, Marc Lavoie, & Maryse Lassonde
   Université de Montreal

8. **Visual ERPs in children: Three years follow-up**
   Socorro Rodriguez Holguin, Montserrat Corral, & Fernando Cadaveira
   Universidade de Santiago de Compostela

9. ERP to stimuli simulating vision of an aged person

Akihiro Yagi, Koji Kazai, & Yuka Abe
Kwansei Gakuin University

10. The rivalry related potential does not originate in striate cortex

Fernando Valle-Inclan[1], Steven A. Hackley[2], Carmen Labra[1], & Antonio Alvarez[3]
[1]University of La Coruna, [2]University of Missouri-Columbia, [3]University of Santiago

11. Response time distribution and ERP associated to perceptual reversion of ambiguous figures

Carlos M. Gomez, M. Vazquez, E. Vaquero, D. Lopez-Mendoza, & M.J. Cardoso
University of Sevilla

12. Target gamma response in visual ERPs

Christoph S. Herrmann & Axel Mecklinger
Max-Planck Institute of Cognitive Neuroscience

13. Processing of affective pictures in mild head injury and frontal brain injury, indicated by cardiac responses and event-related potentials

Anne-Kristin Solbakk[1], Ivar Reinvang[1], Sven Svebak[2], & Christopher Nielsen[1]
[1]University of Oslo, [2]The Norwegian University of Science and Technology

14. What it takes to see a face: Studies in schematic faces processing

Shlomo Bentin & Noam Sagiv
Hebrew University

15. Recognizing faces, occupations and names: ERPs reflect intra and cross-domain information processing

Ela I. Olivares[1], Socorro Rodriguez-Holguín[2], & Jaime Iglesias[1]
[1]Universidad Autónoma de Madrid, [2]Universidad de Santiago de Compostela

16. The locus of the interference effect and the error-related processing in a stimulus-response compatibility task

Hiroaki Masaki[1], Noriyoshi Takasawa[2], & Katuo Yamazaki[3]
[1]Research Fellow of the Japan Society for the Promotion of Science, [2]National Research Institute of Police Science, [3]Waseda University

17. Sixty-four channel recordings of the presaccadic negativity (PSN) under different conditions of response preparation
Ch. Klein, P. Berg, & E. Hafstad
University of Freiburg

18. Event-related brain potentials during the execution of visually-guided and antisaccades: Effects of different task instructions
Ch. Klein, P. Berg, E. Hafstad, & Th. Heinks
University of Freiburg

19. Four-weeks retest-reliability of the presaccadic negativity (PSN) and saccadic reaction times under varying task conditions
Ch. Klein, Ch. Franz, & P. Berg
University of Freiburg

20. Correcting blink and saccade artifact from EEG using common correction coefficients
Rodney J. Croft[1] & Robert J. Barry[2]
[1]Imperial College of Science, Technology and Medicine, [2]University of Wollongong

21. Employing ERPs to determine the integrity of chronic ecstasy users' serotonergic system
Rodney J. Croft, Amalan Mahalingam, Torsten Baldeweg, Anthony Klugman, & John H. Gruzelier
Imperial College of Science, Technology and Medicine

22. Functional examination of the symmetrical organization of the homunculus in healthy subjects
Pedro Montoya, Xavier Revert, Silvia Martinez-Sogorb, Magdalena Medinas, & Catalina Alorda
University of the Balearic Islands

23. Somatosensory homunculus mapping on the basis of the multiple-frequency steady-state response
Eugen Diesch
Tübingen University

24. EEG correlates of finger movements with different intertial load conditions
S. Slobounov, R. Tutwiler, M. Rearick, & J. Challis
The Pennsylvania State University

25. The influence of time pressure on cued finger movements: An event-related lateralization study

Rob van der Lubbe, Piotr Jaskowski, & Rolf Verleger
Medizinische Universitaet zu Luebeck

26. EEG-correlates of directed arm movements

Edmund Wascher
University of Tübingen

27. Effects of response competition, task difficulty, and memory demands on movement-related cortical potentials in choice reaction time tasks

Vilfredo De Pascalis, Carlo Gallo, Maria R. Magurano, & Paolo Russo
University of Rome "La Sapienza"

28. Movement-related potentials in children and adults during a spatial stimulus-response compatibility (SRC) task

Ge Yong-liang, Robaey Philippe, Bourassa Michelle, Pelletier Gilles, & Geoffroy Guy
Research Centre of Sainte-Justine Hospital and University of Montreal

29. Movement-related potentials in children with Attention-Deficit Hyperactivity Disorder (ADHD) during a spatial stimulus-response compatibility task

Ge Yong-liang, Robaey Philippe, Bourassa Michelle, Pelletier Gilles, & Geoffroy Guy
Research center of Sainte-Justine Hospital and University of Montreal

30. The influence of pulsed magnetic fields on electrocortical activity

Anne Schienle, Rudolf Stark, & Dieter Vaitl
University of Giessen

31. Cortical influences on high-frequency heart period variability

Peter J. Marshall & Nathan A. Fox
University of Maryland

32. The effect of aging on event-related potentials topography during a Stroop task

Marc E. Lavoie[1,2], Louis Bherer[1,3], & Sylvie Belleville[1,3]
[1]University of Montreal, [2]Centre de Recherche Fernand-Seguin, [3]Institut Universitaire de Geriatrie

33. An event-related potential study of congruity and familiarity in a context of music and text

Marc E. Lavoie, Jean-Francois Giguere, & Isabelle Peretz
University of Montreal

34. Sustained working memory load and EEG

Gebhard Sammer
University of Giessen

35. Chronopsychophysiology: The temporal localization of effects of loud auditory stimuli and aging foreperiods on reaction time

Fren T.Y. Smulders & Eddy J. Davelaar
Maastricht University

36. Dysphoria and decision-making: Does mood affect making advantageous choices?

J.A. Pineda, C. Karns, & A. Vankov
University of California, San Diego

37. Effects of amount of information on ERPs and reaction time

Antonio Andres-Pueyo[1], Andreu Vigil-Colet[2], & Maria Josep Codorniu[2]
[1]University of Barcelona, [2]University Rovira i Virgili of Tarragona

38. Stress affects the P3 asymmetry

A. Luerken, E. Naumann, F. Gerhards, E. Kramer, G. Becker, & D. Hagemann
University of Trier

39. The effects of common odors on ERPs during task performance

Tyler S. Lorig, David G. Elmes, Emily L. Malin, & Jesup C. Szatkowski
Washington and Lee University

40. The effect of affective-motivational valence on the stimulus-preceding negativity prior to feedback stimuli

Yasunori Kotani[1], Shiho Hiraku[2], & Yasutsugu Aihara[3]
[1]Tokyo Institute of Technology, [2]University of Tokyo, [3]Tokyo Metropolitan University

41. P300 is reduced in smokers

Andrey P. Anokhin, Andrei B. Vedeniapin, Erik J. Sirevaag, & John W. Rohrbaugh
Washington University School of Medicine

42. Startle modulation by smoking: The effect of family history

Andrey P. Anokhin[1], Werner Lutzenberger[2], & Niels Birbaumer[2,3]
[1]Washington University School of Medicine, [2]Institute for Medical Psychology, Tübingen, [3]University of Padova

43. Frontal EEG asymmetry and personality

Andrey P. Anokhin, Andrei Vedeniapin, Erik J. Sirevaag, John W. Rohrbaugh, Nenad Svrakic, & Robert C. Cloninger
Washington University School of Medicine

44. Impedance asymmetries and electroencephalographic asymmetries in linked-ears and derived Cz references

John P. Kline[1], David R. Carlson[2], Ginnette C. Blackhart[1], & Sherry R. Williams[2]
[1]Florida State University, [2]Eastern Washington University

45. Behavioral activation sensitivity and anterior electroencephalographic asymmetry: Inconsistencies and mediating factors

John P. Kline[1], Sherry R. Williams[2], David R. Carlson[2], & Ginnette C. Blackhart[1]
[1]Florida State University, [2]Eastern Washington University

46. Opposites attract: Anterior asymmetry in low and high-defensive women and men with same and opposite sex experimenters

John P. Kline & Ginnette C. Blackhart
Florida State University

47. Work strain and cardiovascular rewind at night

Renate Rau, Manuela Pötzsch, & Antje Triemer
University of Technology, Dresden

48. Occupational stress and sympathetic drive to the heart

Guido Godaert, Eamonn Hanson, & Derk Jan Nijhoff
Utrecht University

49. Comparison of mental workload in a flight simulator and real flight

Hans Veltman
TNO Human Factors Research Institute

50. Personality correlates of autonomic activity and mood at rest

John J. Sollers III[1], Julian F. Thayer[1], Melanie A. Pearson[2], Meredith L. Faith[1], & Paul T. Costa, Jr.[1]
[1]National Institute on Aging, [2]University of Missouri-Columbia

51. Sexual intercourse but not other sexual activity frequency is related to greater heart rate variability and lower diastolic blood pressure in cohabitants

Stuart Brody[1], Ralf Veit[1], & Harald Rau[2]
[1]University of Tübingen, [2]University of Konstanz

52. A cardiac psychophysiological profile in women with high and low scores in hostility

Francesc Palmero & Alicia Breva
Universitat Jaume I

53. Accumulative effects of anger on cardiovascular reactivity during conditions of frustration and/or harassment

Ana García-León[1], Gustavo Reyes[1], & Jaime Vila[2]
[1]Universidad de Jaén, [2]Universidad de Granada

54. Social phobia in middle-aged and elderly males: No evidence for aberrant cardiovascular autonomic or hemodynamic responses to a socially stressful task

Paul Grossman[1], Frank H. Wilhelm[2], Ichiro Kawachi[3], & David Sparrow[4]
[1]IYMG, [2]Stanford University, [3]Harvard School of Public Health, [4]Department of Veteran Affairs & Harvard Medical School

55. Increased social support (pet ownership), but not ACE inhibitor therapy, attenuates cardiovascular reactivity among hypertensive stockbrokers: A controlled randomized trial

Karen Allen & Joseph L. Izzo, Jr.
State University of New York at Buffalo

56. Cardiovascular, electrodermal and somatic activity in essential hypertension and normal blood pressure

A. Salgado, M. GarcíaVera, & F. Labrador
Complutense University of Madrid

57. Autonomic and somatic reactivity in arterial hypertension patients in laboratory tasks

A. Salgado, M. GarcíaVera, & F. Labrador
Complutense University of Madrid

58. Cardiac autonomic control and coronary risk factors in healthy middle-aged men

R.P. Sloan[1], J.T. Bigger Jr[1], L. Kumlin[2], L. Dimberg [2], E. Bagiella[1], & R.C. Steinman[1]
[1]Columbia University, [2]Volvo Aero Corporation

59. Effects of hormone replacement therapy on stress reactivity depend on resting blood pressure

Suzanne G. Helfer[1], James A. McCubbin[1], Thomas M. Price[1], Fred S. Switzer[1], Jane A. Norton[2], & Kenneth N. Muse[2]
[1]Clemson University, [2]University of Kentucky College of Medicine

60. Idiodynamic profiles of cardiovascular activity

Bruce H. Friedman, Aimee K. Santucci, Erin M. Curtis, & Ben G. Pumphrey
Virginia Polytechnic Institute & State University

61. Estimating blood pressure variability by Finapres during rest and stress conditions: Caution advised

Hartmut Schächinger, Lilly Linder, Wolf Langewitz, & Phillip Lyrer
University Hospital Basel

62. Test for detection of ventricular extra systoles by heart rate variability analysis

Ruzha Nikolova[1], Svetoslav Danev[1], Svetoslav Svetoslavov[2], & Silviana Halatcheva[3]
[1]National Center of Hygiene, Medical Ecology and Nutrition, [2]Technical University, [3]Higher Medical University

63. Effect of day-long consumption of tea and coffee upon parameters of heart rate variability

Jane Rycroft, Joan Lane, & Paul Quinlan
Unilever Research Laboratory

64. The acute effects of black tea upon the psychophysiological responses of human subjects to the Stroop Colour Word Conflict task

Jane Rycroft[1], Paul Quinlan[1], & Wendy Atkinson[2]
[1]Unilever Research Laboratory, [2]Manchester University

65. Cardiovascular changes in alcohol withdrawal

Seppo Kähkönen[1] & Boris Bondarenko[2]
[1]University of Helsinki and Helsinki University Central Hospital, [2]Cardiology Research Institute of St. Petersburg

66. Endocrinological stress dampening effects of ethanol in subjects with a familial risk for alcoholism

Bernhard Croissant, Heiderose Pfeiffer, & Robert Olbrich
Central Institute of Mental Health, Mannheim

67. The startle reflex during alcohol detoxification

David J. Drobes, Michael E. Saladin, Robert J. Malcolm, Scott F. Coffey, & Raymond F. Anton
Medical University of South Carolina

68. Inhibition of startle-blink by a visual prepulse is cortically mediated

Douglas C. Sonnenberg, Steven A. Hackley, Lenworth N. Johnson, & Anita J. Sarno
University of Missouri-Columbia

69. Affective startle modulation: A psychometric comparison of alternative electrode placements and quantification algorithms

Chelsea Jankel, Anita D. Keener, Jeffrey F. Cohn, & Valerie Monaco
University of Pittsburgh

70. Prepulse inhibition of startle, intelligence, and familial primary nocturnal enuresis
Edw. M. Ornitz, Andrew T. Russell, Patrik Gabikian, Jean Gehricke, & Don Guthrie
University of California at Los Angeles

71. Development of multimodal attention in young infants: Modification of the startle reflex by attention
John E. Richards
University of South Carolina

72. Gastric myoelectrical activity as an indicator of susceptibility to motion-induced nausea
Eric Muth, Karen Wu, Russell Lee, Michael Osborn, & Ben Lawson
Naval Aerospace Medical Research Laboratory

73. Comparison between monorhinal and birhinal olfactory stimulations in bilateral electrodermal activity
G. Brand & J.L. Millot
Université de Besançon

74. Effects of emotional films and active vs. passive coping tasks on respiratory resistance in asthmatic and nonasthmatic individuals
Thomas Ritz[1], Andrew Steptoe[1], Steven De Wilde[1], & Marco Costa[2]
[1]University of London, [2]University of Bologna

75. The effects of serial position and frequency of presentation of common stimulus features on orienting response reinstatement
Gershon Ben-Shakhar & Itamar Gati
The Hebrew University of Jerusalem

76. Effects of questions' repetition on the efficiency of the guilty knowledge test: A reexamination
Gershon Ben-Shakhar[1] & Eitan Elaad[2]
[1]The Hebrew University of Jerusalem, [2]Israel National Police

77. Absence of placebo responses in the absence of caffeine-related conditioning history
Terry D. Blumenthal[1], James Gambill[1], Traverse Burnett[1], Nathan Schultheiss[1], Heather Scalf[1], & Magne A. Flaten[2]
[1]Wake Forest University, [2]Norwegian University of Science and Technology

78. Physiological effects of varied mental workload in pilots during flight
Glenn F. Wilson[1] & Jared Lambert[2]
[1]Air Force Research Laboratory, [2]Sytronics, Inc.

79. Cardiovascular responses in psychophysiological detection
Akihisa Hirota & Junichiro Wada
National Research Institute of Police Science

80. Mood, task difficulty, and cardiovascular response reflecting effort
Guido H.E. Gendolla & Jan Kruesken
University of Erlangen

81. Generalisation of conditioned fear: Sensory preconditioning of evaluative and preparatory responses
Debora Vansteenwegen[1], Geert Crombez[2], Frank Baeyens[1], & Paul Eelen[1]
[1]University of Leuven, [2]University of Gent

82. Asymmetrical effects of positive and negative affect: Emotional responses to conflict management in a computer mediated negotiation task
Inmaculada F.J. Cisneros & Miguel A. Dorado
Universidad de Sevilla

83. Facial reactions to positive and negative facial expressions: Evidence for right hemisphere dominance
Ulf Dimberg & Maria Pettersson
Uppsala University

84. Automatic reactions to facial stimuli: Evidence of facial affect programs
Ulf Dimberg & Monika Thunberg
Uppsala University

85. Emotional reactions to young and older adult faces
Diane L. Filion[1], Joan M. McDowd[1], & Mary Lee Hummert[2]
[1]University of Kansas Medical Center, [2]University of Kansas

86. Temperamental influences on affective modulation of the startle reflex in children
Mark H. McManis, Nancy Snidman, & Jerome Kagan
Harvard University

87. Disgust conditioning: The possible role of disgust sensitivity
Rudolf Stark, Anne Schienle, & Dieter Vaitl
University of Giessen

88. Conditioning of psychophysiological disgust responses
Anne Schienle, Rudolf Stark, & Dieter Vaitl
University of Giessen

89. Emotion or motivation: Determinants of responses during imagination
Gerhard Stemmler, Marcus Heldmann, Christina Gaffal, & Johannes Ullrich
University of Marburg

90. "They done me wrong": The psychophysiology of remembering hurts, holding grudges, empathizing, and forgiving
Charlotte vanOyen Witvliet, Thomas Ludwig, Kelly Chamberlain, Erin Thompson, & Dennis Ahmad
Hope College

91. A comparison of psychophysiological response patterns between mental and emotional strain
Florian Schaefer, Chirin Yekrangi, Ruediger Baltissen, & Wolfram Boucsein
University of Wuppertal

92. Valence and arousal as determinants of cardiovascular responses during imagery
Margret A. Appel[1] & Suzanne G. Helfer[2]
[1]Ohio University, [2]Clemson University

93. Effects of stress on the respiratory central mechanisms and gas exchange
Akio Umezawa[1], Kensuke Terai[1], Hiromi Takeuchi[1], & Akira Kurohara[2]
[1]Fukui University, [2]Fukui Prefecture Police H.Q.

94. Implemental mindset, prefrontal EEG asymmetry, and cognitive dissonance reduction
Eddie Harmon-Jones, Chris Hubbell, & Hannah Peterson
University of Wisconsin, Madison

95. Prefrontal resting asymmetry predicts empathic emotional responses
Eddie Harmon-Jones, Hannah Peterson, & Kate Vaughn
University of Wisconsin, Madison

96. Measuring racial prejudice with event-related potentials

Tiffany A. Ito[1] & John T. Cacioppo[2]
[1]University of Colorado, [2]University of Chicago

97. Hunger-related appetite and parietal ERP activity

Luis Carretié, Manuel Tapia, Francisco Mercado, & José A. Hinojosa
Universidad Autónoma de Madrid

98. Electrocortical processing of subliminally presented phobogenic stimuli

Ingmar Gutberlet, Silke Krieschel, & Wolfgang H.R. Miltner
University of Jena

99. Influence of recognition correctness and subjective certainty on electrocortical processing of subliminally applied phobogenic stimuli

Ingmar Gutberlet, Silke Krieschel, & Wolfgang H.R. Miltner
University of Jena

100. Effects of emotional valence of auditory and visual stimulation on the recovery of EEG and ANS activity elicited by aversive stimuli

Jin-Hun Sohn, Estate M. Sokhadze, Kyung-Hwa Lee, Sangsup Choi, & Imgap Yi
Chungnam National University

101. Differentiation of evaluation and intention in linked networks of human frontal cortex

Don Tucker[1,2], Ann Speiser[1,2], Lynn McDougal[1], Richard Desmond[1], Tobias Flaisch[3], & Phan Luu[1,2]
[1]University of Oregon, [2]Electrical Geodesics, Inc., [3]University of Konstanz

102. Heart rate change induced by motoric inhibition not coordination of perceptual and motor processing.

J.R. Jennings[1], M.W. van der Molen[2], & K.B. Debski[1]
[1]University of Pittsburgh, [2]University of Amsterdam

103. Reflections of selective attention and response inhibition in HR

Frederik M. van der Veen[1], Maurits W. van der Molen[1], & J. Richard Jennings[2]
[1]University of Amsterdam, [2]University of Pittsburgh

104. Startle eye blink and electrodermal responses - but not reaction time - are inhibited by prepulses

Hartmut Schächinger & Silvia Hatebur
University Hospital Basel

105. Differential autonomic effects of individual blame and industry blame anti-smoking TV commercials on smokers and non-smokers

Michael Antecol[1], Esther Thorson[2], Annie Lang[3], Robert F. Potter[4], & Paul Bolls[3]
[1]Stanford University, [2]University of Missouri, [3]Indiana University, [4]University of Alabama

106. Cortical and autonomic regulation during visual search and expectation behavior in infants

Tatyana Stroganova[1], Olga Bazhenova[2], Jane Doussard-Roosevelt[2], & Stephen Porges[2]
[1]Brain Research Institute Russia, [2]University of Maryland

107. Improved ERP indices of attention in schizophrenia predicted by increased serotonin metabolism: Admission/ discharge comparisons in first/second episode patients

Robert D. Oades[1], Stefan Bender[1], Ulrich Schall[1], Ansgar Klimke[2], Alexandra Balcar[1], & Renate Thienel
[1]University of Essen, [2]University of Duesseldorf

108. Lateralized left trait- and right state-dependent prepulse inhibition of the N1-ERP in schizophrenia

Robert D. Oades, Jorg Wolstein, Ulrich Schall, & Stefan Bender
University of Essen

109. Autism, savants and the thought-translation-device (TTD)

Niels Birbaumer[1,2], Herta Flor[3], & Paul Pauli[1]
[1]University of Tübingen, [2]University of Padova, [3]Humboldt-University Berlin

110. Prefrontal cortex modulates extrastriate attentional processing

Francisco Barcelo[1,2], Shugo Suwazono[3], & Robert T. Knight[1]
[1]University of California, Berkeley, [2]Complutense University of Madrid, [3]Niigata University

111. The role of dorsolateral prefrontal cortex in attentional set shifting: Parsing the cognitive significance of WCST errors with event-related potentials

Francisco Barcelo[1,2] & Robert T. Knight[1]
[1]University of California, Berkeley, [2]Complutense University of Madrid

112. Sensory, motor and cognitive aspects of the manual gap effect. A high-density ERP study

C.M. Gomez[1], A. Delinte[2], J.L. Cantero[1], M. Atienza[1], E. Vaquero[1], M. Crommelinck[2], & A. Roucoux[2].
[1]University of Sevilla, [2]Catholic University of Louvain

113. ERP correlates of consciousness: Clues from visual extinction following right hemisphere damage

Carlo A. Marzi[1], Massimo Girelli[1], Angelo Maravita[1], Carlo Miniussi[2], & Nicola Smania[3]
[1]University of Verona, [2]University of Oxford, [3]Ospedale Policlinico, Verona

114. Brain potentials to morphological violations in Catalan

A. Rodriguez-Fornells, H. Clahsen, C. Lleo, W. Zaake, & T. Muente
Medizinische Hochshule Hannover

115. Inhibitory control during word and sentence reading in dyslexic children

Menno van der Schoot, Rob Licht, Letty Aarts, & Barbara van Koert
Free University, Amsterdam

116. Word recognition processing differences between good and poor adult phonological decoders

F. Martin, A. Kaine, & M. Kirby
University of Tasmania

117. Topography of the N400 in a lexical decision task with the 128 channel Geodesic Sensor Net

Pío Tudela[1], Juan Lupiáñez[1], & Eduardo Madrid[2]
[1]University of Granada, [2]University of Oregon

118. Cortical reorganization and aphasia: Language localization in Broca aphasics

Alessandro Angrilli[1,3], Rita Minghetti[1], Stefano Cusumano[2], Luciano Stegagno[1], Christian Dobel[3], Brigitte Rockstroh[3], & Thomas Elbert[3]
[1]University of Padova, [2]Regional Hospital of Treviso, [3]University of Konstanz

119. Semantic and syntactic factors in processing gender agreement in Hebrew: Evidence from ERPs and eye movements

Avital Deutsch & Shlomo Bentin
The Hebrew University

120. A functional magnetic resonance imaging investigation of brain activation during performance of the 'Tower of London'

Philip B. Ward[1,3], Ulrich Schall[2], Stefan Bender[2], Jim Lagopoulos[3], & Craig Little[1]
[1]University of New South Wales, [2]University of Essen, [3]Neuroscience Institute of Schizophrenia and Allied Disorders, Sydney

121. P50 sensory gating and prepulse inhibition of startle in unmedicated schizophrenia

Patricia Tueting, Radmila Manev, Rajiv Sharma, & John M. Davis
The Psychiatric Institute

122. Longitudinal stability of P50 suppresion in the early phase of schizophrenia

Cindy M. Yee, Keith H. Nuechterlein, & Sarah E. Morris
University of California, Los Angeles

123. Season of birth and P50 suppression in schizophrenia

Cindy M. Yee, Thomas N. Bradbury, & Keith H. Nuechterlein
University of California, Los Angeles

124. P300 topography during the early course of psychosis

Dean F. Salisbury[1,2], Martha E. Shenton[1,2], Mauricio Tohen[1], Carlos Zarate[1], & Robert W. McCarley[1,2]
[1]McLean Hospital, [2]Brockton VA Medical Center

125. Novelty-elicited mismatch negativity (MMN) on admission and discharge in schizophrenia

Bernhard W. Müller[1], Ina Grzella[2], Robert D. Oades[1], Stefan Bender[1], Jörg Wolstein[1], Ulrich Schall[1], Dieter Zerbin[1], & Gudrun Sartory[3]
[1]University Psychiatry Clinics, Essen, [2]University of Aachen, [3]University Wuppertal

126. Intention coding and general cognitive deficit in schizophrenia: Preliminary ERP results and interpretations

J.B. Debruille, F. Guillem, M. Brodeur, M. Bicu, D. Bloom, P. Lalonde, & M.-A. Wolf
Douglas Hospital Research Centre

127. Differential lexical processing in normal and schizotypal individuals

M. Niznikiewicz, M. Voglmaier, M. Shenton, C. Dickey, L. Seidman, KK. Teh, J. Sutton, & R. McCarley
Massachusetts Mental Health Center and Brigham and Women Hospital

128. Latent inhibition and schizophrenia

Dieter Vaitl[1], Ottmar V. Lipp[2], Ulrike Bauer[1], Georg Schüler[1], & Rudolf Stark[1]
[1]University of Giessen, [2]University of Queensland

129. The role of declarative memory for the learning deficit in schizophrenics: A comparison of autonomic trace and delay conditioning

Peter Kirsch[1], Martin Volz[1], & Miriam Roehrig[2]
[1]Central Institute of Mental Health Mannheim, [2]University of Heidelberg

130. Spontaneous eye blinks and eye tics in Gilles de la Tourette syndrome

Joke H.M. Tulen, Monica Azzolini, Sander de Vries, Wim H. Groeneveld, Jan

Passchier, & Ben J.M. van de Wetering
University Hospital Rotterdam and Erasmus University Rotterdam

131. Regional metabolic rate before and after treatment in Major Depressive Disorder

Heather C. Abercrombie, Stacey M. Schaefer, Christine L. Larson, Terrence R. Oakes, Brett D. Rusch, Kristen A. Lindgren, James E. Holden, Scott B. Perlman, Dean D. Krahn, Ruth M. Benca, & Richard J. Davidson
University of Wisconsin-Madison

132. Flat affect in clinical depression and social disengagement in psychopathology: Facial EMG and self-reported emotion during social and solitary imagery

J.-G. Gehricke & D. Shapiro
University of California, Los Angeles

133. Facial EMG activity in co-morbid anxiety and depression

Denise M. Sloan[1], Cyd C. Strauss[1], Bruce N. Cuthbert[2], Evelyn Sullivan[1], Margaret M. Bradley[1], & Peter J. Lang[1]
[1]University of Florida, [2]National Institute of Mental Health

134. Depression alters Latinas' emotional responses to negative and positive film clips

Jeanne L. Tsai[1], Nnamdi Pole[2], Diane Przymus[1], Robert W. Levenson[2], & Ricardo F. Munoz[3]
[1]University of Minnesota, [2]University of California, Berkeley, [3]University of California, San Francisco

135. Vigilance during civil air operations: Wrist activity and the detection of sleep episodes on the flight deck

Amanda McGown & Nicola Wright
Centre for Human Sciences

136. Vigilance on the civil flight deck: Incidences of sleepiness and sleep during long-haul flights and associated changes in physiological parameters

Nicola Wright & Amanda McGown
Centre for Human Sciences

137. Effects of vibratory stimulation on sleep
Gail R. Marsh, William K. Wohlgemuth, & Martha A. Burke
Duke University

138. Differences in the peripheric temperature in obstructive sleep apnea patients before and after treatment with CPAP
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139. The effects of nasal continuous positive airway pressure (CPAP) on blood pressure in obstructive sleep apnea patients
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140. EEG sleep parameters and depression in patients with sleep apnea/hypopnea syndrome
Magdalena Medinas[1], Catalina Alorda[1], Ma Jose Segui[1], & Andres Maimo[2]
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141. Sleep onset latency and time estimation in primary insomnia
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