Poster Session II: Friday, October 12

1. Pericranial motor components of the orienting response

J. J. Stekelenburg & A. van Boxtel[1]
Tilburg University

2. Measures of visual temporal processing in dyslexic children

Magali Batty[1], Jean-François Démonet[2], Yves Chaix[3], Eef Theunissen[4], & Margot J. Taylor[1]
Centre National de Recherche Scientifique, Toulouse, [2]Institut National de Science et Recherche Medicale, Purpan Hôpital, Toulouse, [3]Hôpital des Enfants Purpan, Toulouse, [4]University of Maastritch

3. P300 and P200 correlates of implicit processing in visual hemineglect

Christopher Dywan & John Connolly
Dalhousie University

4. P50 suppression in schizotypy and social phobia during a psychological stressor

Patricia M. White, Cindy M. Yee, & Joan E. Dupont
University of California, Los Angeles

5. Effects of task contingencies on ERN amplitude in schizophrenia patients and normal comparison subjects

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

6. Frontal EEG alpha asymmetry and affective style: Are individual differences related to fundamental dimensions of emotion?

Stefan Debener, Andri Beauducel, Katja Fiehler, Sirko Rabe, & Burkhard Brocke
Dresden University of Technology

7. Do you have hidden forces? Error-related ERP components on force production

Ellen R.A. de Bruijn, Wouter Hulstijn, Gerard van Galen, & Ruud Meulenbroek
University of Nijmegen

8. Heart rate and error-related negativity reflect different aspects of feedback processing during probability learning

Frederik M. van der Veen[1], Sander Nieuwenhuis[2], Eveline A. Crone[2], & Maurits W. van der Molen[2]
[1]Maastricht University, [2]University of Amsterdam

9. Cardiac deceleration following negative feedback

Eveline A. Crone[1], Maurits W. van der Molen[1], Frederik M. van der Veen[2], J. Richard Jennings[3], Riek Somsen[1], & Bert van Beek[1]
[1]University of Amsterdam, [2]Maastricht University, [3]University of Pittsburgh

10. A "gone fishing" hypothesis of response monitoring

K. Richard Ridderinkhof[1], Sander Nieuwenhuis[1], & Theodore R. Bashore[2]
[1]University of Amsterdam, [2]University of Northern Colorado

11. The P300 and implicit and explicit categorization of race and gender

Geoffrey R. Urland & Tiffany A. Ito
University of Colorado

12. Effects of negative emotional stimuli on reaction time and event-related brain potential under the Go/No-Go and the Stop/No-Stop tasks

Aki Akamine & Mitsuro Kida
Aichi Gakuin University

13. Effects of a mental countermeasure on the outcome of the Guilty Knowledge Test by P300

Minori Sasaki[1], Shinji Hira[2], & Takashi Matsuda[1]
[1]Hiroshima Shudo University, [2]University of East Asia

14. The Pz-recorded P300 is highly accurate and sensitive to a memorial manipulation in an objective laboratory guilty knowledge test

Shinji Hira[1], Minori Sasaki[2], Takashi Matsuda[2], Isato Furumitsu[1], & John J. Furedy[3],
[1]University of East Asia, [2]Hiroshima Shudo niversity, [3]University of Toronto

15. Effects of loss of consciousness on the MMN using a rapid rate of presentation
Merav Sabri, Sophie Labelle, & Kenneth B. Campbell
University of Ottawa

16. The effects of masking stimulus on mismatch negativity, P300 and response time during an auditory discrimination task
Chris M. Beauchamp & Robert M. Stelmack
University of Ottawa

17. Effects of reading task demands on event-related potentials following unattended auditory stimuli
Alexandra Muller-Gass & Kenneth Campbell
University of Ottawa

18. ERPs to the processing of food-stimuli in restrained and unrestrained eaters
Peter Hachl & Reinhard Pietrowsky
University of Dusseldorf

19. Electrodermal lability and cardiovascular reactivity to stress in men and women
Robert M. Kelsey[1], Carlotta M. Arthur[2], & Sidney R. Ornduff[1]
[1]University of Tennessee, [2]State University of New York, Stony Brook

20. Venipuncture pain reduced by blood-pressure-elevating muscular tension
Matthew Menear, Marios Roussos, & Blaine Ditto
McGill University

21. Heart rate variability in migraine patients before and during headaches
Mirella Faubert, Jennifer Crotogino, & Blaine Ditto
McGill University

22. Fourteen-year-old pain sensitivity is associated with sympathetic activity and 22-year-old ambulatory blood pressure
Marios Roussos[1], Tavis S. Campbell[1], Blaine Ditto[1], Enrico Mezzacappa[2], Jean Séguin[3], Louise Arseneault[3], & Richard Tremblay[3]
[1]McGill University, [2]Harvard University, [3]University of Montreal

23. Event-related potentials in a semantic categorisation task

M. Isabel Nuñez & M. Luisa Honrubia
University of Barcelona

24. N400 component related to the incongruity in episodic memory

M. Isabel Nuñez & M. Luisa Honrubia
University of Barcelona

25. The social consequences of emotion suppression

Emily A. Butler, Mary E. Given, Nancy C. Smith, Frank H. Wilhelm, & James J. Gross
Stanford University

26. The psychophysiology of rumination

Rebecca Ray & James J. Gross
Stanford University

27. Low respiratory sinus arrhythmia as a trait marker of episodic major depression

Jonathan Rottenberg, Frank H. Wilhelm, James J. Gross, Adrine Biuckians, & Ian H. Gotlib
Stanford University

28. Respiratory sinus arrhythmia in Panic Disorder: Evidence of task-specificity and relation to clinical outcome

Sadia Najmi, Jonathan Rottenberg, Frank Wilhelm, James J. Gross, & Ian H. Gotlib
Stanford University

29. Who cares? Subjects with schizotypia characteristics show reduced conditioned electrodermal responses to stimuli with a high motivational significance

Peter Kirsch, Sabine Herwig, Mark Zimmermann, & Dieter Vaitl
University of Giessen

30. Different activation of cerebellar and midtemporal sources during trace and delay eyeblink conditioning as revealed by evoked magnetic fields

Peter Kirsch[1], Caroline Achenbach[1], Matthias Heinzmann[2], Martina Kirsch[2], & Dieter Vaitl[1]
[1]University of Giessen, [2]University of Heidelberg

31. Skin conductance response measurement during fMRT scans: A methodology study

Carlo R. Blecker[1], Peter Kirsch[1], Florian Schaefer[2], & DieterVaitl[1]
[1]Justus-Liebig-University Giessen, [2]University of Wuppertal

32. Event-related studies of contour and surface processing

Mathieu Brodeur & J. Bruno Debruille
McGill University

33. Event-related potential components as indices of working memory during verbal and spatial n-back tasks

Jose P. Abara, Danielle C. McCabe, Janet L. Shucard, Joy B. Parrish, & David W. Shucard
State University of New York, Buffalo

34. An event-related potential study of focused and sustained attention during an auditory Go/No-Go continuous performance task

Danielle C. McCabe, Janet L. Shucard, Jeremy A. Savage, & David W. Shucard
State University of New York, Buffalo

35. Increased activation of anterior cortical regions: Cognitive demand or task difficulty?

Alicia N. Justus, Peter R. Finn, & Joseph E. Steinmetz
Indiana University

36. Gamma-band activity along the dorsal "where"-stream during an auditory memory task

Barbara Ripper, Werner Lutzenberger, Laura Busse, & Jochen Kaiser
University of Tübingen

37. Oscillatory MEG activity and auditory pattern processing

Jochen Kaiser, Barbara Ripper, & Werner Lutzenberger
University of Tübingen

38. Automaticity of self-regulation of slow cortical potentials

Andrea Kuebler[1], Nicola Neumann[1], Thilo Hinterberger[1], & Niels Birbaumer[1,2]
[1]University of Tübingen, [2]University of Padova

39. Effects of Olanzapine on sensory gating

C. Carroll[1], W.P. Hetrick[1], B.F. O'Donnell[1], & A. Shekhar[2]
[1]Indiana University, Bloomington, [2]Indiana University-Purdue University, Indianapolis

40. Cardiac change indicates a change in preparatory set for a difficult reaction time task due to sleep deprivation

J. Richard Jennings[1], Maurits W. van der Molen[2], Kay Debski[1], & Timothy Monk[1]
[1]University of Pittsburgh, [2]University of Amsterdam

41. Self-control of slow cortical potentials during transcranial magnetic stimulation

Andrea Kuebler[1], Konrad Schmid[1], Martin Lotze[1], Leonardo G. Cohen[2], & Niels Birbaumer[1,3]
[1]University of Tübingen, [2]National Institute of Neurological Disorders and Stroke, [3]University of Padova

42. Self-regulation of slow cortical potentials: Prediction of performance

Nicola Neumann[1], Andrea Kuebler[1], Thilo Hinterberger[1], & Niels Birbaumer[1,2]
[1]University of Tübingen, [2]University of Padova

43. Mind of a mnemonist: A magnetoencephalography study of brain activity during encoding and retrieval in memory champions

Nicola Neumann[1], Christoph Braun[1], Nikolaus Weiskopf[1], Martin Lotze[1], & Niels Birbaumer[1,2]
[1]University of Tübingen, [2]University of Padova

44. Types of food and music influence EGG activity

Jennifer J. Conn & Senqi Hu
Humboldt State University

45. RSA as an index of emotional response in young men

Thomas W. Frazier & Milton E. Strauss
Case Western Reserve University

46. Involuntary attention-related brain potentials as a function of auditory frequency change

E. Yago, M. J. Corral, & C. Escera
University of Barcelona

47. Rose-colored glasses and blue Mondays: The effect of transient mood states on emotional responses

Keith A. Bernardo & Nicholas B. Allen
University of Melbourne

48. Facial reactions to emotional stimuli differ amongst depressive subtypes

Patricia Di Parsia, Ann Keong Yap, Sika Foverskov, Sarah Adey, Julian Simmons, & Nicholas B. Allen
University of Melbourne

49. Emotion experience and physiology following frontal vs. temporal lobe damage

L. Nielsen[1], A.W. Kaszniak[1], S. Z. Rapcsak[1,2], & B. David[1]
[1]University of Arizona, [2]Veterans Affairs Medical Center, Tucson

50. Emotional reactions to facial expressions: Gaze direction matters

Biliana Ivanova & Nicholas B. Allen
University of Melbourne

51. Event-related brain potentials as measures of attentional biases in anxiety and depression

Sarah Adey, Julian Simmons, Patricia Di Parsia, Sika Foverskov, Ann Keong Yap, & Nicholas B. Allen
University of Melbourne

52. Methodological issues in the quantification of RSA

John W. Denver & Stephen W. Porges
University of Maryland, College Park

53. Cardiovascular reactivity and anger with the Stroop Test: Blood pressure, heart rate, state-trait anger, the NEO-PI-R and exercise

Nichol J. West, J. Alexander Dale, & J. W. P. Heuchert
Allegheny College

54. Insulin sensitivity predicts endothelium-dependent vasodilatory function in healthy, normotensive men and women

Johanna Klaus, Meela Parker, Alex Gonzalez, Martin Bilsker, Lioudmila Karnatovskaia, Anna Rusiewicz, Neil Schneiderman, & Barry Hurwitz
University of Miami

55. The relationship between expectancy for negative affect reduction and startle responding to nicotine

Jason D. Robinson, Brian L. Carter, Paul M. Cinciripini, Tracy Y. Long, Cho Y. Lam, David W. Wetter, & Catherine A. Sanders-Munoz
University of Texas M. D. Anderson Cancer Center

56. A comparison of startle eyeblink responses to negative stimuli in abstaining versus relapsing smokers

Brian L. Carter, Paul M. Cinciripini, Tracy Y. Long, Jason D. Robinson, Cho Y. Lam, David W. Wetter, & Catherine A. Sanders-Munoz
University of Texas M. D. Anderson Cancer Center

57. Behavioral and electrophysiological evidence of orienting of attention towards auditory frequency, intensity and duration changes

M. J. Corral, E. Yago, V. Carral, & C. Escera
University of Barcelona

58. Core dimensions of personality and resting brain electrical activity

Søren Bo Andersen, Tony Gale, & Paul Morris
University of Portsmouth

59. Error-related processing in older age

Sander Nieuwenhuis[1], K. Richard Ridderinkhof[1], Durk Talsma[1], Clay Holroyd[2], Albert Kok[1], & Maurits W. Van der Molen[1]
[1]University of Amsterdam, [2]Princeton University

60. The impact on mind and face: Individual differences in affective reactions to pictorial stimuli

Catherine J. Norris[1], Jeff T. Larsen[2], Mika Uehara[1], & John T. Cacioppo[1]
[1]University of Chicago, [2]Ohio State University

61. Affective reactions to unpleasant pictures in female psychopaths

Steven K. Sutton[1] & Joseph P. Newman[2]
[1]University of Miami, [2]University of Wisconsin, Madison

62. Psychopathic characteristics in college students predict affective reactions to unpleasant pictures

Steven K. Sutton & Steven J. Seay
University of Miami

63. Abnormal auditory event-related potentials in symptomatic and asymptomatic brain concussed patients

Nadia Gosselin[1,2], Karen Johnston[3], Suzanne Leclerc[3], Jacques Montplaisir[1], & Maryse Lassonde[2]
[1]Centre d'Étude du Sommeil et des Rythmes Biologiques, [2]Université de Montréal, [3]McGill University

64. Individual differences in effortful inhibition of affective responses to pictures

Heather L. Urry[1] & John J. B. Allen[2]
[1]University of Wisconsin, Madison, [2]University of Arizona

65. Relative left frontal EEG activation at rest predicts likelihood and intensity of both positive and negative self-reported emotional experience

James A. Coan & John J. B. Allen
University of Arizona

66. Complex reinforcement contingencies render EEG asymmetry biofeedback training ineffective

Maria Nazarian & John J. B. Allen
University of Arizona

67. The many metrics of cardiac chronotropy

John J.B. Allen[1], Scott R. Vrana[2], Catherine Peasley-Miklus[3], Andrea S. Chambers[1], &

Hallam L. Movius[1]
[1]University of Arizona, [2]Virginia Commonwealth University, [3]University of Illinois, Chicago

68. Vagal tone and defensiveness: More data to make defensive people defensive

Ziya V. Dikman, John J. B. Allen, & Hallam L. Movius
University of Arizona

69. Negative component following incorrect feedback represents mismatch process between internal representation and feedback information

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

70. Action monitoring in a target force production task

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

71. Attentional modification of startle: Only if you pay for it

Joseph S. Baschnagel, Joshua S. Redford, & Larry W. Hawk, Jr.
State University of New York, Buffalo

72. The effects of self-focused attention and social anxiety on attentional modulation of startle

Audrey D. Kowmas & Larry W. Hawk, Jr.
State University of New York, Buffalo

73. The differential effectiveness of discrete and continuous auditory and visual prepulses in prepulse inhibition

Jonathan K. Wynn[1], Michael E. Dawson[1], & Anne M. Schell[2]
[1]University of Southern California, [2]Occidental College

74. The effects of visual offset with attentional manipulation on the amplitude modification of an acoustically elicited startle eyeblink response

Gary L. Thorne[1], Zhong-Lin Lu[1], Michael E. Dawson[1], & Anne M. Schell[2]
[1]University of Southern California, [2]Occidental College

75. Attention and emotion during defensive responding

Isabel Ramirez, Elisabeth Ruiz, Maria Sanchez, M. Carmen Fernandez, & Jaime Vila
University of Granada

76. Potentiated startle in the anxiety disorders: Excitation and inhibition

Peter J. Lang[1], Cyd Strauss[1], Margaret M. Bradley[1], Eleni Dimoulas[1], Denise Sloan[2], & Jose M. Soler-Baillo[1]
[1]University of Florida, [2]Temple University

77. Pictures as prepulse: Modulation of the visually elicited blink reflex

Jose M. Soler-Baillo, Margaret M. Bradley, & Peter J. Lang
University of Florida

78. Affective reflex modulation: Progression and persistence

J. Carson Smith, Reid P. Scott, Margaret M. Bradley, & Peter J. Lang
University of Florida

79. Unconscious modulation of defensive reflexes by phobic stimuli

Elisabeth Ruiz, Isabel Ramirez, Maria Sanchez, M. Carmen Fernandez, & Jaime Vila
University of Granada

80. Investigating high resolution temporal information in fMRI data

Qun Zhao, Jose C. Principe, Dean Sabatinelli, Margaret M. Bradley, & Peter J. Lang
University of Florida

81. Affective differences in probe P3: Source localization

William T. Lowenthal[1], Margaret M. Bradley[1], Markus Junghoefer[2], & Peter J. Lang[1]
[1]University of Florida, [2]University of Konstanz

82. Visual spatial selective and motivated attention: Evidence from electrocortical steady-state signals

Andreas Keil[1], Margaret M. Bradley[2], Brigitte Rockstroh[1], & Peter J. Lang[2]
[1]University of Konstanz, [2]University of Florida

83. Investigating ethnic differences in affective reactions to pictures

Lisa M. Brown, Margaret M. Bradley, & Peter J. Lang
University of Florida

84. Exercise and emotion: Startle and corrugator responses during exercise and seated rest

J. Carson Smith[1] & Patrick J. O'Connor[2]
[1]University of Florida, [2]University of Georgia

85. Functional correlates of aversive and appetitive picture processing

Dean Sabatinelli, Margaret M. Bradley, Jeffrey R. Fitzsimmons, & Peter J. Lang
University of Florida

86. Autonomic responses to laterally presented rhythm and melody

Israel C. Christie, John B. Williamson, Paul S. Foster, & Alexandrea Park
Virginia Polytechnic Institute and State University

87. Cardiovascular and affective responses to laboratory tasks

Aimee K. Santucci & Bruce H. Friedman
Virginia Polytechnic Institute and State University

88. Autonomic responses to frustration and the Rosenzweig Picture-Frustration Study

Benjamin Pumphrey, Bruce Friedman, Nicole Edgar, & Vanissa Chan
Virginia Polytechnic Institute and State University

89. Autonomic and self-reported responses to music and laboratory tasks

Erin M. Scott-Curtis, Bruce H. Friedman, Aimee K. Santucci, & Israel C. Christie
Virginia Polytechnic Institute and State University

90. Emotional understanding in frontotemporal dementia

Kelly H. Werner[1], Nicole A. Roberts[1],

Jennifer S. Beer[1], Rachel Ebling[1], Robert W. Levenson[1], Richard J. Perry[2], & Bruce L. Miller[2]
[1]University of California, Berkeley, [2]University of California, San Francisco

91. The diminution of autonomic activation with age: General or specific to emotion?

Cenita S. Kupperbusch[1], Ute Kunzmann[2], & Robert W. Levenson[1]
[1]University of California, Berkeley, [2]Max Planck Institute for Human Development

92. Cerebral lateralization of emotion in fronto-temporal dementia

Nicole A. Roberts[1], Kelly H. Werner[1], Jennifer S. Beer[1], Robert W. Levenson[1], Howard E. Rosen[2], Richard J. Perry[2], & Bruce L. Miller[2]
[1]University of California, Berkeley, [2]University of California, San Francisco

93. Social afrocentrism predicts lower vascular reactivity to acoustic startle task

Nnamdi Pole[1], Robert W. Levenson[2], Loren McCarter[2], & Ron Cadigal[2]
[1]University of Michigan, [2]University of California, Berkeley

94. The role of expectations in predicting motion sickness

Manda J. Williamson, Max E. Levine, & Robert M. Stern
The Pennsylvania State University

95. The effect of liquid carbohydrate and protein meals on gastric tachyarrhythmia and susceptibility to vection-induced motion sickness

Max E. Levine[1], Manda J. Williamson[1], Eric R. Muth[2], & Robert M. Stern[1]
[1]The Pennsylvania State University, [2]Clemson University

96. Degree of cardiac-vagal withdrawal over time predicts motion sickness severity

Peter J. Gianaros[1], Max E. Levine[2], Eric R.

Muth[3], Ray C. Vasco[1], Karen S. Quigley[2], & Robert M Stern[2]
[1]University of Pittsburgh, [2]The Pennsylvania State University, [3]Clemson University

97. Identifying phonological awareness deficits with event-related brain potentials (ERPs)
Randy Lynn Newman[1], John F. Connolly[1], Wayne MacDonald[1,2], & Sarah Arnold[2]
[1]Dalhousie University, [2]Spell Read Canada

98. Determining phonology's role in reading with event-related brain potentials (ERPs)
Randy Lynn Newman & John F. Connolly
Dalhousie University

99. Linking neurophysiological and neuropsychological measures
Yannick Marchand, Ryan C.N. D'Arcy, & John F. Connolly
Dalhousie University

100. Subphonetic and tonal processes in reading Chinese Mandarin: The evidence from event-related brain potentials (ERPs)
Jing Tian Wang & John F. Connolly
Dalhousie University

101. ERP assessment of language function following stroke
Ryan C. N. D'Arcy, Yannick Marchand, & John F. Connolly
Dalhousie University

102. The effect of spatial and temporal information on saccades and neural activity in oculomotor structures
Danny Gagnon[1], Gillian A. O'Driscoll[1,2], Michael Petrides[1,2], & G. Bruce Pike[2]
[1]McGill University, [2]Montreal Neurological Institute

103. Repetition priming and verbal memory in schizophrenia
Sarah M. Sass[1,2], Scott R. Sponheim[1,2], & Kathryn A. McGuire[1]
[1]Minneapolis Veterans Affairs Medical Center, [2]University of Minnesota, Twin Cities

104. Encoding ERPs and memory for words in schizophrenia

Scott R. Sponheim[1,2], Sarah M. Sass[1,2], & Kathryn A. McGuire[1]
[1]Minneapolis Veterans Affairs Medical Center, [2]University of Minnesota, Twin Cities

105. The influence of aging on odorant-induced cerebellar activation measured with fMRI

Sally Ferdon[1], Anne Wiser[1], Barbara Cerf-Ducastel[1], & Claire Murphy[2]
[1]San Diego State University, [2]University of California Medical Center

106. Event-related potentials to olfactory stimuli: A reliability analysis

Thomas Thesen[1] & Claire Murphy[1,2]
[1]San Diego State University, [2]University of California, San Diego

107. The primacy of emotion in intergroup relations: What lies beneath reduction of ethnocentric biases?

Yanélia Caroline Yabar[1], Alexandre Schaefer[2], Pierre Philippot[2], & Ursula Hess[1]
[1]University of Québec, Montréal, [2]Catholic University of Louvain

108. Faces on the phone: Facial expressivity during telephone conversations

U. Hess, N. Murard, P. Bourgeois, & N. Cheung
University of Québec, Montréal

109. Ingroup, outgroup and mimicry

P. Bourgeois & U. Hess
University of Québec, Montréal

110. Nicotine's effect on traumatic imagery in PTSD

Scott R. Vrana[1], Jean C. Beckham[2], Michelle E. Feldman[2], & Susannah Mozley[2]
[1]Virginia Commonwealth University, [2]Durham Veterans Affairs Medical Center

111. African American adolescents' physiological response to an interethnic social encounter: Effects of interethnic friendships and neighborhood composition

Scott R. Vrana[1], Colleen Quinn[1], & David Rollock[2]
[1]Virginia Commonwealth University, [2]Purdue University

112. Chronic self-consciousness and its effects on physiology, performance and self-report of anxiety

Georgia Panayiotou[1] & Scott R. Vrana[2]
[1]University of Cyprus, [2]Virginia Commonwealth University

113. Facial reactions to facial expressions: Effects of neutral expressions, speech anxiety, and gender

Daniel Gross & Scott R. Vrana
Virginia Commonwealth University

114. Differences between emotional and masking facial expressions of amusement and disgust: Two facial EMG studies

Claudia Rolko
University of the Federal Armed Forces, Hamburg