



Poster Session II
Thursday, October 16, 2025
6:30pm-8:30pm

Posters Sorted by Primary Author's First Name

Poster Number	Title	Author
65	Trait Worry is Predictive of Subjective but Not Autonomic Measures of Emotion Dynamics	Alice Klein
30	Mothers' and Infants' Late Positive Potential Relate to Each Other's Anxiety	Allison Morra
69	Do Anxiety Traits Modulate Facial Expression Processing? a Full-Scalp Mass Univariate ERP Study	Amie Durston
15	Neural Indices of Risky Decision Making: Erps and Anxiety	Aminda O'Hare
45	Motivational Direction Beyond Affect: Frontal Alpha Asymmetry in Approach-Avoidance Across Contexts	Angélica Mendes
16	The Spatial Distribution of Reward Processing and Its Implication in Depression: A High-Density EEG Study	Anna Patterson
92	Contribution of Fear of Pain to the Dissociation between Pain and Event-Related Brain Potentials during Temporal Summation of Pain.	Anne-Sophie Marion
99	The role of parents' mindsets in how their adolescent responds to a social stressor	Audrey-Ann Journault
22	Effects of "thin-Ideal" Exposure on Self-Referential Processing in Young Cisgender women: An Erp Study	Avigna Jena
52	Temporal Summation of Second Pain and C-Fiber-Related Brain Responses Are Not Altered despite Secondary Hyperalgesia in Patients with Chronic Primary Low Back Pain.	Benjamin Provencher
3	Functional Near-Infrared Spectroscopy Reveals Right Prefrontal Cortical Recruitment During Naming Tasks in Aphasia	Bijoyaa Mohapatra
88	Evaluating the Robustness of the Face Fixation Location Effect across Datasets and Statistical Methods	Calla Mueller
23	EEG Correlates during the Emotional Processing of Personalized Short-Video Content and Internalizing Symptoms in Young Adults	Carole Leung
17	Temporal Decoding of Reward Processing Using MEG	Christopher Pirrung

11	The Effects of Cannabis, Alcohol and Co-Use on Neurocognitive Functioning and the Related Behavioral Patterns	Cole Campbell
41	A Novel Paradigm for Assessing Brain Activity During Updates to Working Memory	Daniel F. Morris
13	Synthetic Image Evolution for Affective Science	Darius Valevicius
63	Threat-Related Attentional Aberrations Among Suicide Attempters: Evidence from the LPP and Target-Locked P300	David Johnson
50	ELECTROMAGNETIC SHIELDING REDUCES EFFECTS OF SMARTPHONE-EMITTED RADIATION ON BRAIN ACTIVITY, HEART RATE VARIABILITY, AND ELECTROMYOGRAPHIC ACTIVITY	Diana Henz
48	Confirmation of a Useful Dark-Room Resting-State procedure: Periodic and Aperiodic Meg Activity in Children	Drayton Murray
74	Individual Differences in Generalizing Fear Extinction Learning Across the Spectrum of Anxiety Load: Integrating Verbal Reports, Startle Responses, and Skin Conductance	Edgar Nazareus
5	Cerebellar White Matter Microstructure is Associated with Age, Amyloid levels, and Cognition	Elizabeth Paitel
26	Effect of Pre- And Post-Natal Anemia on Infant Visual Excitation/Inhibition Balance over the First 2 Postnatal Years	Emma Margolis
80	Aperiodic and Periodic Components of Eeg Power Spectra Vary by Time of Day	Eoin Quinn
64	Investigating the Link Between Cognition and Cardiac Activity in Internalizing Disorders	Franziska Jüres
91	Hormonal Modulation of Brain Dynamics in Menstruating Adolescents and Young Adults: EEG Insights Across the Menstrual Cycle	Gabriela Kennedy
60	The Unpleasurable Disregard of EFFORT: Anhedonia is Related to Reduced Consideration of Costs during Reward Valuation	Gavin Heindorf
84	Viscereality: Inducing Altered States of Consciousness through Breath-based VR with Coupled Oscillator Dynamics	George Fejer
71	Neural Responses to Interpersonal Emotional Stimuli Moderate Effects of Social Context on Real World Affective Responses	Georgia Moon
51	Alteration of Early Attentional Processes by Pain Does Not Affect Working Memory Performance and Contralateral Delayed Activity during a Visual Cognitive Task	Golnoosh Kamyab
19	ERP Indices of Initial Response to Reward: Redundancy, Unique Variance, Reliability across 3 Measurement Occasions and Generalization of Reliability across Clinical and Demographic Groups	Gyorgy Hamori
76	Emotional Inflexibility and Reactivity as Risk Factors for Fear-Related Symptomatology: A Combined EMA and fMRI Study	Ha Jeong Park
31	Regulate Your distance: How Feelings of Closeness Vary with Facial Mimicry and Physiological Synchrony	Hedwig Eisenbarth
57	Investigating relationships between Self-Reported Symptoms and Neurophysiological Indices following Mild Traumatic Brain Injury	Hope Nyarady
95	Resting EEG Alpha and Theta Power as Biomarkers of Insomnia and Pain Following Traumatic Injury	Isabella Bourtin
100	Validating Wrist-Based Consumer Devices against Stationary Lab Equipment for Research on the Autonomic Nervous System	Jacklyn Koyama
1	Mobile Eeg as an Early Detection Tool for Mild Cognitive Impairment: Evidence from P300 and Moca Performance	Jennifer Meszaros

4	The Time Course of Negative Emotional Responses and Associations with Time Spent on Work	Jonathan Morris
24	Associations between Infant Delta-Beta Coupling and Negative Affectivity: A Multi-Method Study	Josephine Levy
37	Time-Varying Changes in Visuocortical Tuning during Aversive Conditioning and extinction: Trial-By-Trial Ssvep Analyses and Persistence and Flexibility of Sensory Plasticity	Judith Cediél Escobar
38	Reducing the Complexity of the Experimental Design Attenuates Trait-Level Effects in Threat Safety Discrimination Learning	Justin Lazzarino
77	Motivational Biases in Feedback-Based Learning Are Unaltered in Obsessive-Compulsive Disorder	Jutta Peterburs
93	LPP-Responses to Erotic Stimuli: Influence of Gender and Menstrual Cycle	Katharina Paul
70	Distraction under Competition in Obsessive-Compulsive Disorder	Katherine McCain
46	Intrinsic Motivation and Reward Processing Vary by Task Type: Insights from High-Density Eeg	Kaylee Mercer
9	Visuo-Attentional Processes Underlying Selective Enumeration of Emotional Faces	Kei Kobayashi
75	Emotion-Attention Relationships in Anxiety: A Multimodal Network Analysis	Kyle O'Brien
66	Decision-Making in Internalizing disorders: Transdiagnostic Differences in the Drift Diffusion Model	Laura Langemeyer
35	Affective Processing in Preadolescents with a Familial Risk for Depression: Insights from ERPs	Libera Ylenia Mastromatteo
67	The Role of Reward Magnitude in Understanding the Clinical Phenotype of ADHD	Lilliya Larson
49	Different Face Sizes Result in Differing Modulations of Face ERPs	Lily M R Laevens
34	Investigating Associations between Variation in Cardiovascular Reactivity and Emotional Granularity in Daily Life	Lily Marino
27	Adolescent Social Stress and Depression: Interactions with the Reward Positivity (RewP) to Multiple Reward Types	Madeline McGregor
104	Exploring Links between Vagal Reactivity to Stress, Paced Breathing and Long-Term Memory Performance	Maria Meier
90	Menstrual Cycle Influences Neural and Behavioral Mechanisms of Facial Expression Processing	Marie Huc
25	Abnormal Brain Electrical Activity in a Visuospatial Working Memory Task Distinguishes Children with Developmental Visual-Spatial Disorder (DVSD) from Those with Autism Spectrum Disorder (ASD) and Typical Development	Mario Liotti
85	Inner Rhythms of the Bodily Self: Cardiorespiratory Contributions to Sense of Agency and Voluntary Action Initiation	Marta Gerosa
6	Resting-State Aperiodic Exponent in the Anterior Cingulate Cortex Varies with Alexithymia	Mary Polking
28	Bidirectional Effects of Parenting Behaviors and Child Neural Development in Resting-State Alpha/Delta Ratios	Marybeth McNamee
97	The Influence of Breathing-Induced Activation on the Pre-Decisional Information Search and Strategy Selection	Masa Iskra
94	Behavioural and Neural Dynamics of Category Learning across the Menstrual Cycle	Mateja Perovic
18	Agency Overcomes Earning in Self-Related Reward Processing	Mathew Rocha Hammerstrom
101	Stress in an Eyeblink: Effects of Stress Induction on Blink Parameters and Blink Related Potentials	Mauro Larra

40	A Meta-Analytic Review of Sport-Related Concussions and Event-Related Brain Potentials.	Melissa Materia
102	Shared Neural Signatures of Social and Nutritional Support in the Human Prefrontal and Cingulate Cortex	Minwoo Lee
39	Systematic Review and meta-Analysis: Impact of Unipolar Depression on P300 Amplitude and Latency	Nicholas Santopetro
81	How Are Autonomic Physiology and Emotional Behavior Linked in Functional seizures?	Nicole Roberts
105	Towards Multimodal Manipulation Checks: Physiological and Self-Reported Responses to the Cyberball Task	Nina Micanovic
20	Electrophysiological Source Localization (ESL) of Epilepsy Onset Zone Using Interictal Scalp EEG: Retrospective Analysis of Pediatric Epilepsy Case Series	Norah Hill
29	Resting Brain Activity across Early Childhood: Associations with Maternal Depression and Socioemotional Behaviour Problems in Low-Income Families	Olivia Merulla
2	Investigating Age-Related Cognitive Decline in Healthy Adults Using Crunch and Peripheral Vascular Measures	Parker Mills
53	Parasympathetic Cardiac Control during Attentional Focus and Worry in Fibromyalgia Patients	Pilar Ruiz
62	Identifying Anxiety Subtypes Based on Individual Differences in Threat-Related Attentional Bias, Physiological Reactivity, and Affective Ratings: A Latent Profile Analysis	Qiaoling Hua
7	Adaptation Following Conflict: ERP Evidence from an Affective Flanker	Rachel Gaynor
89	Let's Talk about Sex... Differences in Alcohol's Pharmacological Effects on Startle Potentiation: A Multiverse Approach	Rachel Goldblum
61	Effects of Cannabis Use and Binge Drinking on GoStop P3 Amplitude	Rebecca Houston
73	Changes in Reward Processing throughout a Task Predict Worthlessness One Year Later	Richard Morris
21	Sensory Processing in Neurotypical Children: The Influence of Socioeconomic Status on Behavior and Brain	Rujira Jaikaew
14	Grasping the Pouch of a Jelly Beverage with the Left Hand Induced Right-Hemispheric Activation and Correct-Response Monitoring	Ryuto Inoyama
55	Attitudes Towards Emotions are Associated with Resting Frontal Asymmetry: Influence of Motivational States and Motivational Conflict	Sarah Marshall
79	Neural Correlates of Working Memory Subprocesses in Children with and without ADHD	Sarah Pieper
82	Modulation of Emotion Perception: ERP Evidence from Black Adults Viewing Own- and Other-Race Faces	Sebastian Franck Love
58	Wearable Brainpatch Vagus Stimulation Technology for Individual's Mental Wellness	Sergii Tukaiev
59	Is Empathy a Multidimensional Construct? No Support from Erps to Painful Stimuli	Seth Winward
43	Real-Time Emotional Monitoring: A Constant Dimension Approach	Shane McClafferty
47	Facial Features Outperform Cardiovascular Variables for Motivational Dimension Prediction	Shirin Mohammadian
36	Cortisol Stress Reactivity among Sexually Diverse Couples	Silke Jacmin-Park
72	Reward Processing and Anger in Youth with Tourette Syndrome	Simon Morand-Beaulieu
96	Resting Vagally-Mediated Heart Rate Variability (vmHRV) and Subjective Self-Reported Variables in athletes: A Scoping Review	Sylvain Laborde

33	Regulating Mixed Emotions: The Role of Emotion Goals on Experiential, Expressive, and Physiological Responses	Sylvia Kreibig
78	A Data-Driven Map of HRV Indices: Clustering to Inform Selection	Tam Pham
83	Effects of Emotional Speech Context on the Neural Processing of Continuous Speech	Teagan Esther
86	Active Touch Exploration of materials: An fNIRS Investigation of Aesthetics	Thomas Jacobsen
44	HEMISPHERIC NEUROMODULATION IN THE DLPFC ALTERS ATTENTIONAL SCOPE IN GOAL-DIRECTED STATES: AN RTMS STUDY	Timothy McCoy
87	Individual Differences in Face Perception	Tringa Lecaj
68	DIFFERENCES IN HIGH-FREQUENCY CONNECTIVITY AMONG LARGE-SCALE FUNCTIONAL NETWORKS LINKED TO MAJOR DEPRESSIVE DISORDER AND TREATMENT-RESISTANT DEPRESSION	Ty Lees
103	Is vagal activity a shield against the effects of stress on decision making? The interaction between heart rate variability and cortisol in the iowa game task	Valentin Magnon
98	Effects of 2-Week Transcutaneous Vagus Nerve Stimulation on Stress, Anxiety, and Cardiac Vagal Modulation: Evidence from a Randomized Placebo-Controlled Trial in Non-Clinical Adults	Vera Jandackova
10	Different Roles of Anterior and Posterior Insula in Somatosensory Processing	Yasunori Kotani
12	Task Commitment Increases Left-Hemisphere Reward Activity	Yoshimi Ohgami
42	Neural and Autonomic Correlates of Working Memory Overload	Yuri Pavlov
8	Uncovering the Locus of the Temporal Uncertainty with Lateralized Readiness Potentials	Yuta Kimura
56	Interoceptive Awareness and Punishment Sensitivity Enhance Error Evaluation	Yuya Maruo
32	Temporal Dynamics of Mixed Emotions: Computational Modeling Reveals Predominant Concurrent Patterns of EMG-Derived Negative and Positive Affective Activation	Yuyue Jiang
54	Trait Anxiety Modulates Vigilance but Not Conflict Resolution: Support from Mass Univariate Statistics across Two Studies	Ze Lin Chen
106	HRV Metrics during Slow-Paced Yogic Breathing Track Parasympathetic, Not Sympathetic, Influences as Verified with Pharmacological Blockades.	Zoe Huestis