



Poster Session IV
Saturday, October 17, 2026
8:45am-10:15am

Posters Sorted by Primary Author's Last Name

Poster Number	Title	Author
66	INVESTIGATING THE INFLUENCE OF FEEDBACK ON CONTOUR OBJECT PERCEPTION THRESHOLDS	Andrassy, Bennett
13	EEG-BASED AUDITORY SUSTAINED POTENTIAL LINKS GENOMIC VARIATION TO LANGUAGE FUNCTIONING IN INDIVIDUALS WITH NEURODEVELOPMENTAL DISORDERS	Arutiunian, Vardan
18	DISSOCIATING EVOKED, INDUCED OSCILLATORY, AND INDUCED APERIODIC CONTRIBUTIONS TO FRONTAL THETA ASSOCIATIONS WITH INTERNALIZING PSYCHOPATHOLOGY	Atluri, Agastya
22	EEG COHERENCE DISTINGUISHES BETWEEN INHIBITORY CONTROL TASKS AT 12 MONTHS	Bell, Martha Ann
54	EEG CORRELATES OF COGNITIVE FUSION AND DEFUSION: AN EXPLORATORY MULTIMARKER STUDY	Bernhardsson, Jens
31	N170 AND VPP ERPS SHOW SIMILAR SENSITIVITY TO IMPLICIT RACE CATEGORIZATION DURING FACE PROCESSING.	Brancaleone, Paul
71	RESTED OR NOT: PERCEIVED SLEEP QUALITY SHOWS NO LINK TO NEURAL INDICES OF FOOD-RELATED INHIBITORY CONTROL	Cardon, Jacob
51	ERROR-RELATED OSCILLATORY ACTIVITY IS MODULATED BY SOCIAL CONTEXT AND ANXIETY TRAITS	Chen, Ze Lin
79	THE ROLE OF INTEROCEPTIVE ABILITY IN RATINGS OF EMOTIONAL INTENSITY UNDER CARDIAC FALSE FEEDBACK	Choi, Jiwon

78	PSYCHOPHYSIOLOGICAL RESPONSES TO EXTREME WEATHER CONDITIONS: A MULTIMODAL VIRTUAL REALITY STUDY	Christodoulou, Revekka
27	THE ANTERIOR LATE POSITIVE POTENTIAL ELICITED BY NEGATIVE SELF-REFERENTIAL PROCESSING MODERATES THE ASSOCIATION BETWEEN PEER-RELATED STRESS AND EXTERNALIZING BEHAVIORS IN 9-12-YEAR-OLD CHILDREN	Chu, Jun
59	THE EFFECTS OF TRAUMA ON NOVELTY PROCESSING IN BIPOLAR DISORDER: AN ERP INVESTIGATION OF MMN, P3A AND P3B	Daiman, Lilia
12	INFANT ATTENTION AND CHILDHOOD COGNITIVE FLEXIBILITY: INDIVIDUAL DIFFERENCES IN TASK BEHAVIOR AND EEG COHERENCE	de la Rosa, Isabela
70	SLEEP ON IT: PRIOR NIGHT'S SLEEP DURATION MODULATES NEURAL RELIABILITY	Dellett, Katherine
17	ACUTE EFFECTS OF HIGH-INTENSITY INTERVAL EXERCISE AND MINDFUL EXERCISE ON INHIBITORY CONTROL AND ERPS IN CHILDREN	Drollette, Eric
28	MOTHER-CHILD PHYSIOLOGICAL SYNCHRONY DURING CHALLENGE AND RECOVERY: THE ROLE OF THE SYMPATHETIC VERSUS THE PARASYMPATHETIC NERVOUS SYSTEM	Duijndam, Stefanie
62	DOES FACE SIZE IMPACT ERPS TO THREAT-RELATED FACIAL EXPRESSIONS?	Durston, Amie
49	DEPRESSIVE TENDENCIES AND TRAIT ANXIETY MODULATE P300 DURING RUMINATIVE THOUGHT	Echigo, Kurumi
65	GASTRIC INTEROCEPTION: METHODOLOGICAL VALIDATION OF GASTRIC RETENTION AND PERCEPTUAL DISCRIMINATION OF AN INGESTIBLE VIBRATING CAPSULE	Eimer, Tabea
76	FRONTAL ALPHA ASYMMETRY AND MOTIVATIONAL TRAITS UNDER PSYCHOSOCIAL STRESS	Falhani, Nadia
25	RETHINKING REWARD IN OBESITY: ERP EVIDENCE SUGGESTS COMPARABLE PROCESSING OF FOOD AND MONETARY GAINS.	Forge, Malachi
75	IMPACT OF PSYCHOSOCIAL STRESS ON ALPHA AND BETA EEG BANDS ACROSS FRONTAL, PARIETAL, AND OCCIPITAL REGIONS	Gabán-Fernández, Claudia
58	CHRONIC TRAUMA EXPOSURE AND EARLY ONSET ARE ASSOCIATED WITH EXECUTIVE NETWORK RECRUITMENT DURING AFFECTIVE PROCESSING	Gaudry, Mitchell
56	BASELINE MATTERS: RESTING HEART RATE VARIABILITY SHAPES PSYCHOPHYSIOLOGICAL RESPONSES TO TAVNS IN DEPRESSION	Grimaldi, Rachele
73	PHYSIOLOGICAL SYNCHRONY AND SOCIAL COHESION IN FACE-TO-FACE DISCUSSIONS	Hechler, Stefanie
34	NORMATIVE AND IDIOGRAPHIC RATINGS YIELD DIFFERENT INFERENCES ABOUT WHETHER LPP REFLECTS AROUSAL	Heindorf, Gavin
37	EFFECTS OF ELECTROMAGNETIC SHIELDING IN ELECTRIC CARS ON BRAIN ACTIVITY, HEART RATE VARIABILITY, AND ELECTROMYOGRAPHIC ACTIVITY	Henz, Diana
7	ALCOHOL, CANNABIS, AND CO-USE INTOXICATION EFFECTS ON EVENT-RELATED POTENTIALS ACROSS REPEATED COGNITIVE TESTING SESSIONS	Hetelekides, Eleftherios
6	NOVELTY DETECTION IN EQUINE AUDITORY PROCESSING: EVIDENCE FOR P300-LIKE RESPONSES	Ilmer, Ida
64	CYCLING TO THE (HEART)BEAT: DYNAMIC PSYCHOPHYSIOLOGICAL REGULATION OF PACING DECISIONS	Iskra, Masa

72	LEXICO-SEMANTIC PRE-ACTIVATION DURING READING IS PRECISELY TIMED: EVIDENCE FROM THE MAZE TASK	Jacobs, Cassandra
19	FROM ENVIRONMENT TO CORTEX: SOCIOECONOMIC STATUS AND SENSORY PROCESSING AS PREDICTORS OF N1 AMPLITUDE IN NEUROTYPICAL CHILDREN	Jaikaew, Rujira
21	DIMENSIONS OF EARLY LIFE ADVERSITY AND PHYSIOLOGICAL RESPONSES TO STRESS IN YOUTH	Jameson, Taylyn
36	BRAIN STRUCTURE, PM2.5 EXPOSURE AND BRAIN-DERIVED NEUROTROPHIC FACTOR: POTENTIAL MODIFYING ROLE OF PHYSICAL FITNESS	Jandackova, Vera
50	THE EFFICACY OF SLOW-PACED BREATHING ON SYMPTOMS, EMOTION REGULATION, INFLAMMATION AND HRV MEASURES: A PHASE-SPECIFIC ANALYSIS FROM THE VAST RCT	Jarczok, Marc
16	THE PROMISE OF ADOLESCENCE: FRONTAL ALPHA ASYMMETRY TRAJECTORIES UNDERLYING INTERNALIZING PSYCHOPATHOLOGY AMONG YOUTH EXPOSED TO PSYCHOSOCIAL DEPRIVATION	Jopling, Ellen
15	DISSOCIABLE EEG MEASURES OF INTER-TRIAL VARIABILITY IN YOUNG CHILDREN	Kaafarani, Hassan
1	TASK-RELATED CHANGES IN PERIODIC AND APERIODIC PARAMETERS OF THE EEG	Kang, Taehoon
26	THE FACE OF STRESS – INDIVIDUAL DIFFERENCES IN FACIAL EXPRESSIONS DURING ANTICIPATORY AND INTERPERSONAL STRESS AND ITS INTEGRATION WITH THE CARDIOVASCULAR STRESS RESPONSE	Kupper, Nina
67	CARDIAC CYCLE TIMING MODULATES EMOTIONAL INTERFERENCE DURING COGNITIVE CONFLICT	Łabędź, Jan
38	COORDINATE-CORRECTED AVERAGING AND NORMALIZATION OF EVENT-RELATED POTENTIAL DATA IMPROVES STATISTICAL POWER	Lam, Khang
10	INVESTIGATING REWARD-DRIVEN COGNITIVE FLEXIBILITY USING EEG AND PUPILLOMETRY	Lomeo, Beatrice
4	ERROR PRECURSORS IN STIMULUS-LOCKED ALPHA/BETA OSCILLATIONS PREDICT ERROR-RELATED BRAIN ACTIVITY IN A STROOP TASK.	Maier, Martin E.
53	WHY BASELINE CHOICE IS IMPORTANT: COMPARISON OF BASELINE ASSESSMENTS FOR CARDIAC PHYSIOLOGICAL SENSITIVITY TO THREAT & ASSOCIATIONS WITH PSYCHOPATHOLOGY SYMPTOMS	Marsh, Elizabeth
39	NEUROPHYSIOLOGICAL ALTERATIONS FOLLOWING CONCUSSION: CONTROLLING FOR THE INJURY FACTOR	Masterson, Caitlin
24	ACUTE EXERCISE FOLLOWING SLEEP RESTRICTION: AN ERP INVESTIGATION OF NEUROCOGNITIVE AND DAYTIME FUNCTIONING	Materia, Melissa
35	TIME-FREQUENCY DECOMPOSITION UNCOVERS FRONTAL ASYMMETRY DYNAMICS IN APPROACH-AVOIDANCE CONFLICT	McCoy, Timothy
3	USING MOBILE EEG FOR EARLY DETECTION OF MILD COGNITIVE IMPAIRMENT: THE REWARD POSITIVITY AS A NEURAL BIOMARKER	Meszaros, Jennifer
60	CARDIOVASCULAR REGULATORY DIFFERENCES BETWEEN COMBAT-TRAUMA VETERANS WITH AND WITHOUT CHILDHOOD PHYSICAL ABUSE	Morrell, Chandler
47	ACUTE EFFECTS OF CANNABIS, ALCOHOL, AND CO-USE INTOXICATION ON WORKING MEMORY AND ATTENTION: AN EVENT-RELATED POTENTIAL STUDY	Morris, Daniel F.

61	SYMPTOM SEVERITY CORRELATES OF HEART RATE VARIABILITY IN VETERANS WITH POST TRAUMATIC STRESS DISORDER	Murphy, Trevor J.
68	THE SEPARATE EFFECTS OF CAFFEINE AND NICOTINE ON EEG-DERIVED MARKERS OF VISUAL SEARCH ACROSS HUMAN MENSTRUAL CYCLE PHASES	Olmstead, Lee-Ann
74	WHEN SUPPORT FALLS SHORT: PHYSIOLOGICAL CO-DYSREGULATION AND SUPPORT QUALITY IN ATHLETE INTERACTIONS	Panhwar, Muntaha
57	GREATER STARTLE RESPONSE WHILE AWAITING AVERSIVE AVOIDANCE FEEDBACK RELATIVE TO MONETARY REWARD: SUPPORT FOR THE AVERSIVE AVOIDANCE DOORS TASK	Porro, Daniela
46	THE EFFECT OF TRAUMA INFORMED HEART RATE VARIABILITY BIOFEEDBACK ON VAGAL MEDIATED AUTONOMIC FUNCTIONING AMONG COMBAT VETERANS	Puhalla, Alexander
43	TECHNICAL CONCEALED INFORMATION TEST: WHAT'S NEW ON MENTAL EFFORT, STIMULUS SALIENCE AND TRAIT-P3?	Reith, Tobias
48	STAGE-SPECIFIC REWARD PROCESSING DEFICITS IN ANXIOUS DEPRESSION: EVIDENCE FROM MULTIMODAL EEG AND FACTOR ANALYSIS	Ren, Xi
20	INFERRING PERCEPTUAL ORGANIZATION FROM PASSIVE EEG: DISTINCT CONTRIBUTIONS OF ERP AMPLITUDE, LATENCY, AND INTER-TRIAL CONSISTENCY.	Riaz, Mohammad
40	OBSERVABLE DIFFERENCES IN PHYSIOLOGICAL MARKERS OF RESPIRATORY VAGAL NERVE STIMULATION IN DEEP BREATHING MINDFULNESS TRAINING	Roach, Alexandra
44	THE ROLE OF ALLOSTATIC LOAD IN THE DEVELOPMENT OF TREATMENT-RESISTANT DEPRESSION: A PROSPECTIVE COHORT STUDY.	Schettino, Martino
42	PSYCHOPHYSIOLOGICAL CORRELATES OF EXTINCTION LEARNING IN DISGUST CONDITIONING: THE ROLE OF REINFORCEMENT SENSITIVITY ACROSS TRACE AND DELAY PARADIGMS	Schippers, Anna
52	VAGALLY MEDIATED HEART RATE VARIABILITY IS ASSOCIATED WITH PHASIC ALERTNESS IN RECURRENT DEPRESSION	Sorensen, Lin
29	THE INFLUENCE OF INHERENTLY AVERSIVE CONTEXTS ON ELECTROCORTICAL CORRELATES OF ATTENTION AND MEMORY AND THE IMPACT OF PHOBIA-RELEVANCE	Stegmann, Yannik
8	ACUTE EFFECTS OF VR-BASED COGNITIVE-MOTOR DUAL-TASKING ON EXECUTIVE FUNCTION PERFORMANCE AND CARDIAC AUTONOMIC RESPONSES: A Crossover COMPARISON OF TASK MODALITIES	Sükuti, Murat
9	MINDFULNESS-BASED CHILDBIRTH AND PARENTING AND THE PARENTAL BRAIN: AN FMRI RCT OF NEURAL RESPONSES TO OWN VS. OTHER INFANT POSITIVE AND NEGATIVE AFFECT	Suzuki, Kento
33	INVESTIGATING FACILITATORS OF EMOTIONAL AND PHYSIOLOGICAL SYNCHRONY IN TEAM SPORTS	Thorne, Tyler
2	ALTERED PERCEPTUAL AND COGNITIVE PROCESSING IN OLDER ADULTS DURING DRIVING HAZARD IDENTIFICATION	Tripoli Balko, Marissa
23	RESTING HEART RATE VARIABILITY AND EMOTIONAL REGULATION IN SCHOOL-AGED CHILDREN: A CROSS-SECTIONAL ANALYSIS FROM THE REFRESH COHORT	Uhrová, Veronika
63	INTERNAL CONSISTENCY OF N170 AND P3 ERP COMPONENT AMPLITUDES IN THE ERP CORE TASK BATTERY	Vane, Ryan

14	SUICIDAL BEHAVIORS AND INTERNALIZING PSYCHOPATHOLOGY: DISTINCT AND SHARED ASSOCIATIONS WITH EVOKED THETA POWER DURING FEEDBACK PROCESSING	Vensland, Megan
32	A NEUROAFFECTIVE MARKER OF INCENTIVE SALIENCE PREDICTS CUE-INDUCED EATING AND SMOKING RELAPSE	Versace, Francesco
30	HOW EXPERIENCE SHAPES SOCIAL VALUE	Weidner, Enya
45	THE DARK SIDE OF CONCUSSION: TRAUMATIC BRAIN INJURIES MAY CONTRIBUTE TO LONG-TERM DISRUPTION IN DARK-ENHANCED STARTLE IN A MILITARY POPULATION	Whittaker, Freya
69	SEX DIFFERENCES IN CONFLICT-INDUCED THETA POWER AND PROBLEMATIC ALCOHOL USE	Widiger, Elizabeth
77	LONG-TERM AND LONGITUDINAL CHANGE: BOTH CHILDHOOD AND RECENTLY ENDORSED TRAUMATIC EXPERIENCES AFFECT HIGH FREQUENCY HEART RATE VARIABILITY IN A COMMUNITY SAMPLE OF ADULTS	Yates, Ellen
5	EFFECTIVE BRAIN CONNECTIVITY DURING VISUAL SPATIAL ATTENTION: A COMPARATIVE EEG STUDY USING EFFCONNPY AND FRITES	Yevpak, Natalia
11	ADOLESCENT REWARD RESPONSIVENESS AND RISK-TAKING ACROSS NEIGHBORHOOD AND FAMILY CONTEXTS	Yun, Connie