
Event Agenda

SPR 2025 Annual Meeting

Tuesday, October 14, 2025

- 8:00 AM - 5:00 PM

Registration / Check-in
Location: Montreal Foyer, 11th Floor
- 9:00 AM - 5:00 PM

Pre-Conference Workshop #1: EEG SYNCHRONIZATION IN TIME, FREQUENCY, AND SPACE
Location: St-Antoine, 9th Floor
Presenter: Mike X Cohen

Wednesday, October 15, 2025

- 8:00 AM - 5:00 PM

Registration / Check-in
Location: Montreal Foyer, 11th Floor
- 8:00 AM - 5:00 PM

Private Needs Room
- 8:00 AM - 5:00 PM

Quiet Room
Location: Le Moyne, 8th Floor
- 9:00 AM - 4:00 PM

Pre-Conference Workshop #1 (Continued): EEG SYNCHRONIZATION IN TIME, FREQUENCY, AND SPACE
Location: St-Antoine, 9th Floor
Presenter: Mike X Cohen
- 9:00 AM - 5:00 PM

Pre-Conference Workshop #2: BEST PRACTICES IN HRV RESEARCH
Location: Ville Marie, 9th Floor
Speaker: Mika Tarvainen
- 9:00 AM - 5:00 PM

Pre-Conference Workshop #3: NEUROMODULATION FOR ADVANCING PSYCHOPHYSIOLOGY IN THE LABORATORY AND CLINIC
Location: Viger, 8th Floor
Presenter: Lisa McTeague ; Co-Presenter: Jayce Doose
- 12:00 PM - 5:00 PM

SPR Board of Directors Meeting
Location: McGill, 8th Floor
- 5:00 PM - 7:00 PM

Opening Reception & Poster Session I
Location: Grande Place, 8th Floor

POS001-1: THE INFLUENCE OF AGE AND COGNITIVE LOAD ON RESTING-STATE AND TASK-RELATED ALPHA OSCILLATIONS
5:00 PM - 7:00 PM
Speaker: Chandlyr Denaro

POS002-1: PHYSIOLOGICAL CORRELATES OF EMOTION REGULATION THROUGH ATTENTIONAL DEPLOYMENT
5:00 PM - 7:00 PM
Speaker: Daniel Rojas-Libano

POS003-1: AGE-RELATED RESPONSE PRECUEING EFFECT IN A CROSSMODAL SPEED RESPONSE TASK
5:00 PM - 7:00 PM
Speaker: Pin Han Wang

POS004-1: FRONTAL BETA POWER VARIES BY APOLIPOPROTEIN-E E4 STATUS IN COGNITIVELY HEALTHY OLDER ADULTS
5:00 PM - 7:00 PM
Speaker: Henry Licht

POS005-1: AGE MODERATES THE RELATIONSHIP BETWEEN LIFETIME DISCRIMINATION AND RMSSD
5:00 PM - 7:00 PM
Speaker: Scott McKernan

POS006-1: THE RELATION OF BEHAVIOR AND EEG CORRELATES OF FEEDBACK,

COGNITIVE CONTROL AND COGNITIVE EFFORT IN A PREREGISTERED LARGE-SCALE MULTI-SITE ULTIMATUM GAME STUDY.

5:00 PM - 7:00 PM

Speaker: Johannes Rodrigues

POS008-1: NEUROPHYSIOLOGICAL ADAPTATIONS TO EXTREME PHYSICAL STRESS: EEG EVIDENCE FROM A 50 KM ULTRA-MARATHON

5:00 PM - 7:00 PM

Speaker: Katherine Boere

POS009-1: TIME-FREQUENCY THETA AND DELTA ACTIVITY DURING THE N2-P3 COMPLEX EVIDENCE UNIQUE RELATIONSHIPS TO THE LATE POSITIVE POTENTIAL (LPP)

5:00 PM - 7:00 PM

Speaker: Nadia Mattanah

POS010-1: MECHANISTIC MODELING OF SKILL ACQUISITION IN TAI CHI PRACTICE VIA LOW-DIMENSIONAL, ENERGY-BASED DYNAMICS OF THE FUNCTIONAL CONNECTOME

5:00 PM - 7:00 PM

Speaker: Jonathan Cerna

POS011-1: EMOTIONAL AROUSAL AND NEUROCIRCUIT PRIMING: A CONCURRENT TMS-FMRI INVESTIGATION OF STATE DEPENDENCE

5:00 PM - 7:00 PM

Speaker: Jayce Doose

POS012-1: DOES THE N2PC COMPONENT REFLECT ATTENTIONAL DEMANDS SIMILARLY AT DIFFERENT TARGET ECCENTRICITIES?

5:00 PM - 7:00 PM

Speaker: Brandi Lee Drisdelle

POS013-1: SOCIAL MOTIVES AND ELECTROENCEPHALOGRAPHIC RESPONSES TO ALCOHOLIC IMAGES IN COLLEGE-AGED DRINKERS: THE ROLE OF BINGE DRINKING

5:00 PM - 7:00 PM

Speaker: Reiko Graham

POS014-1: PREDICTION ERROR EFFECTS IN RESPONSE TO OMITTED FEEDBACK IN EVENT-RELATED POTENTIALS IN HUMANS

5:00 PM - 7:00 PM

Speaker: Christian Bellebaum

POS015-1: EMOTION REGULATION IN MORAL DECISION MAKING: THE MODULATORY ROLE OF HEART RATE VARIABILITY

5:00 PM - 7:00 PM

Speaker: Ömer Erdoğan

POS016-1: NON-INVASIVE BRAIN STIMULATION OF THE VENTROMEDIAL PREFRONTAL CORTEX IMPROVES BEHAVIORAL INHIBITION BY ENHANCING THE PROCESSING DEPTH AND ANTICIPATION OF OUTCOMES IN A GAMBLING TASK

5:00 PM - 7:00 PM

Speaker: Thomas Kroker

POS018-1: VICTIM OF CIRCUMSTANCE: HOW LOCUS OF CONTROL AND SEX INFLUENCE CORTISOL LEVELS IN RESPONSE TO A PSYCHOSOCIAL STRESSOR IN CHILDREN

5:00 PM - 7:00 PM

Speaker: Maryse Arcand

POS019-1: DEVELOPMENTAL DIFFERENCES IN GAMMA-BETA BAND OSCILLATORY ACTIVITY IN CHILDREN AND ADULTS PERFORMING THE AUDITORY NOVELTY ODDBALL PARADIGM

5:00 PM - 7:00 PM

Speaker: Cole Campbell

POS020-1: EARLY LIFE MOTOR DEVELOPMENTAL MILESTONE ATTAINMENT PREDICTS CONFLICT MONITORING DURING PREADOLESCENCE

5:00 PM - 7:00 PM

Speaker: Madison Card

POS021-1: DEVELOPMENTAL ASSOCIATIONS BETWEEN FRONTAL ERP COMPONENTS AND INHIBITORY CONTROL IN CHILDHOOD

5:00 PM - 7:00 PM

Speaker: Krongporn Chinchai

POS022-1: SELF-REPORTED CHILDHOOD TRAUMA AND HEART RATE VARIABILITY ACROSS COMMON RESEARCH SAMPLING SITES: IMPLICATIONS FOR META-ANALYTIC WORK

5:00 PM - 7:00 PM

Speaker: Sam Conner Self

POS023-1: RESTING-STATE EEG SIGNATURES OF GENETIC DIAGNOSIS IN NEURODEVELOPMENTAL CONDITIONS: PRELIMINARY FINDINGS FROM THE FIRST 80 Q1K PARTICIPANTS

5:00 PM - 7:00 PM

Speaker: Emmanuelle Coutu-Nadeau

POS024-1: RESTING RSA AS A MODERATOR OF THE LINK BETWEEN CHILD TEMPERAMENT AND TASK RSA DURING PARENT-CHILD INTERACTIONS

5:00 PM - 7:00 PM

Speaker: Kivilcim Degirmencioglu

POS025-1: GREATER NEIGHBORHOOD CONNECTEDNESS AND ATTACHMENT COINCIDES WITH REDUCED NEURAL RESPONSE TO SOCIAL INCLUSION

5:00 PM - 7:00 PM

Speaker: Xinyi Deng

POS026-1: MEASUREMENT MATTERS: HOW MEASUREMENT IMPACTS THE RELATION BETWEEN EARLY LIFE EXPERIENCES AND HPA RESPONDING

5:00 PM - 7:00 PM

Speaker: Emily Dunning

POS027-1: ADOLESCENT SOCIAL MEDIA ENGAGEMENT AND REWARD-RELATED BRAIN ACTIVITY

5:00 PM - 7:00 PM

Speaker: Kelly Gair

POS028-1: HAPPE and MADE EEG Pipeline Comparison for the Healthy Brain and Childhood Development (HBCD) Study

5:00 PM - 7:00 PM

Speaker: Dylan Gilbreath

POS029-1: FATHER-CHILD DYNAMIC INDIVIDUAL RSA AND RSA COREGULATION: ASSOCIATIONS WITH POSITIVE BEHAVIORAL COREGULATION

5:00 PM - 7:00 PM

Speaker: Savannah Girod

POS030-1: THE ROLE OF DLPFC AND COGNITIVE CONTROL IN IMPLICIT EMOTION REGULATION

5:00 PM - 7:00 PM

Speaker: Agnieszka Adamczyk

POS031-1: NEURAL RESPONSES TO SOCIAL REWARDS ARE ASSOCIATED WITH ADOLESCENTS' DAILY AFFECT IN RESPONSE TO SOCIAL EVENTS

5:00 PM - 7:00 PM

Speaker: Alexandra Argiros

POS033-1: THE MODERATING EFFECTS OF POSITIVE AFFECT ON INHIBITORY CONTROL AND P3 FOLLOWING ACUTE EXERCISE

5:00 PM - 7:00 PM

Speaker: Emmalyn Drollette

POS034-1: WHAT DO WE SHARE? COMPARING APPROACHES TO PHYSIOLOGICAL SYNCHRONICITY IN DYADIC INTERACTIONS

5:00 PM - 7:00 PM

Speaker: Hedwig Eisenbarth

POS035-1: EMOTIONAL SUPPRESSION AND THE CARDIOVASCULAR CONUNDRUM: PSYCHOPHYSIOLOGICAL EFFECTS OF STIGMA IN LGB INDIVIDUALS

5:00 PM - 7:00 PM

Speaker: Daniele Bomarsi

POS037-1: THE UPSIDE OF ANXIETY: IMPROVED SPATIAL NAVIGATION IN HIGH-TRAIT ANXIOUS INDIVIDUALS UNDER THREAT

5:00 PM - 7:00 PM

Speaker: Florian Bublatzky

POS040-1: SONG FAMILIARITY RELIES ON EVIDENCE ACCUMULATION

5:00 PM - 7:00 PM

Speaker: Cameron Hassall

POS041-1: FAILURE-TRIGGERED CARDIAC RESPONSES: FIRST EVIDENCE FOR THE COMBINED EFFECT OF TASK IDENTITY-RELEVANCE AND INDIVIDUALS' MINDSET

5:00 PM - 7:00 PM

Speaker: Yann S. Bouzidi

POS042-1: NEURAL CORRELATES OF ENVIRONMENTAL REWARD PROCESSING AND IT'S RELATION TO PRO-ENVIRONMENTAL BEHAVIOR

5:00 PM - 7:00 PM

Speaker: Nina Di Loreto

POS044-1: SOCIAL COOPERATION AND COMPETITION IS REFLECTED IN EVOKED AND INDUCED BRAIN RESPONSES DURING DYADIC GAMING

5:00 PM - 7:00 PM

Speaker: Karl-Philipp Flösch

POS045-1: DECODING MOTOR CONTROL IN GILLES DE LA TOURETTE SYNDROME: A PSYCHOPHYSIOLOGICAL EXPLORATION OF BETA BRAIN RHYTHMS

5:00 PM - 7:00 PM

Speaker: Lyna Hanafi

POS046-1: THE IMPACTS OF FOCUS OF ATTENTION IN MOTOR PERFORMANCE, MUSCLE EFFICIENCY, FATIGUE, AND ENJOYMENT ON ISOMETRIC TASKS

5:00 PM - 7:00 PM

Speaker: Marcos Daou

POS047-1: UPDATE ON THE CULTURALLY ADAPTED REMOTE-EEG PROTOCOL: ACCEPTABILITY, CONCERNS, AND RECOMMENDATIONS FROM HISPANIC/LATINE PARTICIPANTS

5:00 PM - 7:00 PM

Speaker: Kimberly Galvez-Ortega

POS048-1: STROKE VOLUME ESTIMATION COMPARING THE SRAMEK-BERNSTEIN METHOD AND THE KUBICEK METHOD

5:00 PM - 7:00 PM

Speaker: Karen Quigley

POS049-1: PHYSIOLOGICAL AROUSAL AND SENSE OF AGENCY IN THE CONTEXT OF OTHERS' PAIN-RELATED VOCALIZATIONS

5:00 PM - 7:00 PM

Speaker: Sotaro Fujisawa

POS050-1: THE INTERACTION BETWEEN PAIN AND SELECTIVE ATTENTION IS INFLUENCED BY INDIVIDUAL DIFFERENCES IN PAIN CATASTROPHIZING AND COGNITIVE PERFORMANCE

5:00 PM - 7:00 PM

Speaker: Erfan Ghalibaf

POS051-1: INHIBITION OF PAIN-RELATED BRAIN ACTIVITY BY WORKING MEMORY AND MODULATION OF WORKING MEMORY PROCESSES BY PAIN ARE INFLUENCED BY INDIVIDUAL DIFFERENCES IN COGNITIVE PERFORMANCE AND PAIN CATASTROPHIZING.

5:00 PM - 7:00 PM

Speaker: Parham Hosseini

POS052-1: ALPHA SUPPRESSION OBSERVED IN A NOVEL VISUAL SEARCH TASK: NO EVIDENCE FOR MODULATION BY LOAD, FACIAL DISTRACTOR, OR REJECTION SENSITIVITY

5:00 PM - 7:00 PM

Speaker: Bradley Buchanan

POS053-1: IMPACT OF SOCIAL ANXIETY ACROSS SOCIAL CONTEXTS AND CONGRUENCY

5:00 PM - 7:00 PM

Speaker: Zelin Chen

POS054-1: LATENT-STATE-TRAIT MODELS OF RESTING FRONTAL ASYMMETRY WITH SHORT DATA COLLECTION INTERVALS: EXPLORATORY APPROACH

5:00 PM - 7:00 PM

Speaker: Pauli Dupont-Christ

POS055-1: TWO COMPONENTS OF SENSORY PROCESSING SENSITIVITY: HOW VISUAL SALIENCY AND EMOTIONAL VALENCE INFLUENCE PUPIL REACTIONS OF HIGHLY SENSITIVE PERSONS.

5:00 PM - 7:00 PM

Speaker: Beata Pacula-Lesniak

POS056-1: CARDIOVASCULAR HEALTH AND TRAUMA IN YOUNG WOMEN: THE CHaT STUDY

5:00 PM - 7:00 PM

Speaker: Emily Halvorson

POS057-1: SAVOR THE NEW? A SINGLE SESSION OF SAVORING DOES NOT ENHANCE LPP TO PLEASANT IMAGES BEYOND PASSIVE VIEWING

5:00 PM - 7:00 PM

Speaker: Valentina Mogni

POS058-1: DISSOCIABLE NEURAL ACTIVITY PATTERNS REFLECT DISRUPTION OF DISTINCT MENTAL OPERATIONS DURING SYMBOL DIGIT MODALITIES TEST PERFORMANCE IN MULTIPLE SCLEROSIS

5:00 PM - 7:00 PM

Speaker: Thomas Covey

POS059-1: ERROR MONITORING AND OCD SYMPTOMS: THE IMPACT OF A WORRY INDUCTION ON THE ASSOCIATION BETWEEN OCD SYMPTOMS AND ERNAMPLITUDE

5:00 PM - 7:00 PM

Speaker: Grace Anderson

POS060-1: A BRIEF POSITIVE-AFFECT INTERVENTION FOR WORRY: PREDICTION OF TREATMENT OUTCOME USING THE LPP

5:00 PM - 7:00 PM

Speaker: Claudia Becker

POS061-1: EEG CORRELATES OF COGNITIVE LOAD AND EMOTIONAL REACTIVITY IN A NOVEL TRAUMA FOCUSED INTERVENTION

5:00 PM - 7:00 PM

Speaker: Jens Bernhardsson

POS062-1: INVOLVEMENT OF PHYSIOLOGICAL REACTIVITY AND INTEROCEPTION IN EMOTIONAL EXPERIENCE: STUDY IN A TRAUMATIC BRAIN INJURY POPULATION

5:00 PM - 7:00 PM

Speaker: Alice Bodart

POS063-1: EFFORT-BASED REWARD PROCESSING, PERIPHERAL SYSTEMS, AND LINKS WITH MAJOR DEPRESSION

5:00 PM - 7:00 PM

Speaker: Colin Bowyer

POS064-1: NEURAL INDICES OF ATTENTIONAL BIASES IN TYPES OF ANXIETY FROM OSCILLATORY AND ERP ANALYSES

5:00 PM - 7:00 PM

Speaker: Benson Bush

POS065-1: NEIGHBORHOOD SOCIAL COHESION MAY BUFFER NEURAL BURDEN OF SOCIAL ANXIETY ON WORKING MEMORY

5:00 PM - 7:00 PM

Speaker: Charlotte Cannizzo

POS066-1: AVOIDING POSITIVITY TO GET BETTER AT AVOIDING PUNISHMENT

5:00 PM - 7:00 PM

Speaker: James Cavanagh

POS067-1: MEASURING LATENT ANXIETY SENSITIVITY AND ITS ASSOCIATION WITH PTSD AND SUICIDE: A PSYCHONEUROMETRIC APPROACH

5:00 PM - 7:00 PM

Speaker: Bryce Clausen

POS068-1: TIME COURSE OF EMOTIONAL TARGET DETECTION IN HIGH AND LOW WORRIERS

5:00 PM - 7:00 PM

Speaker: Jinu Mathew

POS069-1: THE EFFECTS OF RUMINATION AND POSITIVE DISTRACTION ON SELF-REFERENTIAL PROCESSING IN SUBCLINICAL DEPRESSION: AN ERP STUDY

5:00 PM - 7:00 PM

Speaker: Kurumi Echigo

POS070-1: ADVANCING SPATIOTEMPORAL NEUROPHENOMENOLOGY: EFFECTS OF MULTIPLE PSILOCYBIN TREATMENTS ON CONSCIOUSNESS AND BRAIN DYNAMICS IN OBSESSIVE-COMPULSIVE DISORDER THROUGH A MULTIVERSE DYNAMIC FUNCTIONAL CONNECTIVITY ANALYSIS

5:00 PM - 7:00 PM

Speaker: Sebastian Ehmann

POS071-1: MENTAL HEALTH LABELS AND EMOTIONAL PERCEPTION: EFFECTS OF “DEPRESSION” LABELS ON FACE PROCESSING AND MEMORY

5:00 PM - 7:00 PM

Speaker: Anastasia Erley

POS072-1: TRAIT AND STATE INFLUENCES ON MEASUREMENT OF FRONTAL ALPHA ASYMMETRY IN ADHD

5:00 PM - 7:00 PM

Speaker: McKenzie Figuracion

POS073-1: INFLUENCE OF DEPRESSION AND RESTING PARASYMPATHETIC ACTIVITY ON EVALUATIVE RESPONSES

5:00 PM - 7:00 PM

Speaker: Elizabeth Gaillard

POS074-1: TESTING A DISGUST GENERALIZATION HYPOTHESIS OF MISOPHONIA: A NEUROIMAGING STUDY

5:00 PM - 7:00 PM

Speaker: Joshua Gertler

POS075-1: BOOSTING MOTIVATION: THE EFFECTS OF TRANSCUTANEOUS AURICULAR VAGUS NERVE STIMULATION ON REWARD-BASED BEHAVIOR

5:00 PM - 7:00 PM

Speaker: Rachele Grimaldi

POS076-1: LEFT OR RIGHT? FRONTAL AND PARIETAL ALPHA ASYMMETRY IN SOCIAL ANXIETY

5:00 PM - 7:00 PM

Speaker: Kai Härpfer

POS077-1: ENTITLED TO AN UPDATE: CONTEXT UPDATING IS UNRELATED TO REWARD ANTICIPATION AT HIGH TRAIT ENTITLEMENT

5:00 PM - 7:00 PM

Speaker: Gavin Heindorf

POS078-1: CORRELATING TRAIT DISINHIBITION, EXTERNALIZING, AND STIMULUS-LOCKED EVENT-RELATED POTENTIALS IN THE GO/NO-GO CONTEXT

5:00 PM - 7:00 PM

Speaker: Jeffrey Helms

POS079-1: ALTERATIONS IN APERIODIC NEURAL ACTIVITY ASSOCIATED WITH MAJOR DEPRESSIVE DISORDER

5:00 PM - 7:00 PM

Speaker: Sarah Woronko

POS080-1: RACE BIAS IN THE DECISION TO SHOOT: EXAMINING THE ROLES OF STIMULUS EVALUATION AND RESPONSE CONFLICT

5:00 PM - 7:00 PM

Speaker: Paul (PJ) Brancalone

POS081-1: EXAMINING SUBCORTICAL CORRELATES OF PREDICTION ERROR DURING A PROBABILISTIC AVOIDANCE LEARNING TASK USING 7-TELSA FMRI

5:00 PM - 7:00 PM

Speaker: Maya Barton-Zuckerman

POS082-1: INVESTIGATING CROSS-MODAL TEMPORAL DYNAMICS AND SEMANTIC INCONGRUENCY IN MULTISENSORY INTEGRATION: AN ERP STUDY

5:00 PM - 7:00 PM

Speaker: Xiao Chen

POS083-1: THE EFFECTS OF CARDIAC PHASE AND STIMULUS INTENSITY ON FACIAL EMOTION RECOGNITION

5:00 PM - 7:00 PM

Speaker: Yifan Chen

POS085-1: PARAMETER-SPECIFIC EFFECTS OF TAVNS ON PHYSIOLOGICAL AND NEURAL MARKERS

5:00 PM - 7:00 PM

Speaker: Lisa Drost

POS086-1: ERPS TO FACIAL EXPRESSIONS ARE RELATED TO PERCEIVED VALENCE AND AROUSAL: A REPLICATION AND EXTENSION

5:00 PM - 7:00 PM

Speaker: Amie Durston

POS087-1: DEPRESSION MODERATES THE RELATIONSHIP BETWEEN HEART RATE VARIABILITY AND HEART RATE DIFFERENTIALLY AMONG MEN BUT NOT WOMEN

5:00 PM - 7:00 PM

Speaker: Julia Birenbaum

POS088-1: MALES, ACES, AND INFANT FACES, OH MY: A P300 EVENT-RELATED POTENTIAL STUDY

5:00 PM - 7:00 PM

Speaker: Tiffany Bonnagio

POS089-1: THE ANTERIOR LATE POSITIVE POTENTIAL ELICITED DURING SELF-REFERENTIAL PROCESSING SHOWS STABILITY OVER TIME IN GIRLS BUT NOT BOYS

5:00 PM - 7:00 PM

Speaker: Jun Chu

POS090-1: INFLUENCE OF SEX, PAIN CATASTROPHIZING AND GENDER ROLES ON PAIN INHIBITION MECHANISMS

5:00 PM - 7:00 PM

Speaker: Celina Davila Felipe

POS092-1: SLEEPINESS BUT NEITHER FLUID NOR CRYSTALLIZED INTELLIGENCE CAN BE PREDICTED FROM RESTING-STATE EEG – EVIDENCE FROM THE LARGE SCALE COSCIENCE EEG-PERSONALITY PROJECT

5:00 PM - 7:00 PM

Speaker: Christoph Frühlinger

POS093-1: AUDIOTACTILE INTEGRATION IN A DROWSY STATE

5:00 PM - 7:00 PM

Speaker: Clara Alameda

POS094-1: THE IMPACT OF BILINGUAL LANGUAGE EXPERIENCE ON VERBAL AND VISUOSPATIAL WORKING MEMORY

5:00 PM - 7:00 PM

Speaker: Shanna Kousaie

POS095-1: MEMORY UNDER STRESS: THE ROLE OF AUTONOMIC NERVOUS SYSTEM REACTIVITY IN RECOGNITION AND RECALL

5:00 PM - 7:00 PM

Speaker: Katherine Archer

POS096-1: BEYOND THE LIMIT: NEURAL DYNAMICS FROM REST TO EXTREME PHYSICAL EXERTION

5:00 PM - 7:00 PM

Speaker: Chiara Avancini

POS097-1: TESTING THE EFFECTS OF INTERMITTENT PNEUMATIC COMPRESSION BOOTS ON HEART RATE VARIABILITY

5:00 PM - 7:00 PM

Speaker: Thomas Baldwin

POS098-1: FEAR-INDUCED BRADYCARDIA: TRANSIENT PARASYMPATHETIC DYNAMICS REFLECT RESPONSES TO CONDITIONED FEAR

5:00 PM - 7:00 PM

Speaker: Simone Battaglia

POS099-1: AUTONOMIC NERVOUS SYSTEM MODULATION OF WORKING MEMORY UNDER ACUTE STRESS

5:00 PM - 7:00 PM

Speaker: Megan Cheng

POS100-1: DAILY WORRY AND PHYSIOLOGICAL REACTIVITY TO PSYCHOSOCIAL STRESS: AN EXPERIMENTAL AND ECOLOGICAL ASSESSMENT ON STRESS ANTICIPATION

5:00 PM - 7:00 PM

Speaker: Fiorella Del Popolo Cristaldi

POS101-1: DYNAMIC HEART RATE VARIABILITY RESPONSES TO ANGER INDUCTION AND RECOVERY: THE ROLE OF SOCIAL INHIBITION

5:00 PM - 7:00 PM

Speaker: Stefanie Duijndam

POS102-1: CORTISOL CLOUDS THE GUT FEELING IN DECISION-MAKING UNDER STRESS

5:00 PM - 7:00 PM

Speaker: Felix Duplessis-Marcotte

POS103-1: BRINGING FEAR OF THE DARK INTO THE LIGHT THROUGH A MULTI-MEASUREMENT APPROACH

5:00 PM - 7:00 PM

Speaker: Ellie Hull

POS104-1: NEURAL REACTIVITY TO ALCOHOL CUES IS MODULATED BY ALCOHOL FAMILY HISTORY

5:00 PM - 7:00 PM

Speaker: Kate Dellett

POS105-1: WHEN FEELING IN CONTROL ISN'T ENOUGH: DISSOCIATING OUTCOME PROCESSING AND LEARNING UNDER VARYING MOTOR FLUENCY

5:00 PM - 7:00 PM

Speaker: Maren Giersiepen

POS106-1: SELF- AND CO-REGULATION OF PHYSIOLOGICAL ACTIVITY IN MOTHER-CHILD INTERACTIONS: THE ROLE OF BROODING RUMINATION

5:00 PM - 7:00 PM

Speaker: Brianna Lind

5:00 PM - 7:00 PM

Exhibit Hall

Location: Grande Place, 8th Floor

Thursday, October 16, 2025

7:00 AM - 6:30 PM

Registration / Check-in

Location: Montreal Foyer, 11th Floor.

7:00 AM - 6:30 PM

Quiet Room

Location: Le Moyne, 8th Floor

7:00 AM - 6:30 PM

Private Needs Room

7:30 AM - 8:30 AM

Speed Networking Breakfast

Location: Fortifications, 9th Floor

7:30 AM - 8:00 AM

Morning Coffee

8:45 AM - 10:15 AM

Symposium 1.1: "FREE YOUR MIND": UNVEILING EMOTIONAL RESPONSES IN IMMERSIVE WORLDS

Location: Montreal D, 11th Floor

Chair: Marta Andreatta ; Co-Chair: Antonin Fourcade

STUDYING DYNAMICS AND PHYSIOLOGY OF AFFECTIVE STATES IN IMMERSIVE VIRTUAL REALITY

8:45 AM - 10:15 AM

Speaker: Antonin Fourcade

FACING DANGER: GAZE PATTERNS AND ESCAPE DECISIONS UNDER NATURALISTIC THREATS

8:45 AM - 10:15 AM

Speaker: Olivier de Vries

RECIPROCAL RELATIONS BETWEEN FEAR AND ATTENTION IN A VIRTUAL PLANK-WALK

8:45 AM - 10:15 AM

Speaker: Gina Grimshaw

GAMIFIED VIRTUAL REALITY HEART RATE VARIABILITY BIOFEEDBACK TRAINING IMPROVES PERFORMANCE UNDER STRESS AND REDUCES AVOIDANCE BEHAVIOUR

8:45 AM - 10:15 AM

Speaker: Jonathan Posthuma

AMELIORATION OF EXAGGERATED VERBAL, BUT NOT PHYSIOLOGICAL FEAR IN ANXIETY PATIENTS AFTER TREATMENT: A TEST IN VR

8:45 AM - 10:15 AM

Speaker: Marta Andreatta

8:45 AM - 10:15 AM

Symposium 1.2: THE ROLE OF PARENTAL STRESS IN RELATIONS AMONG PARENTING, PARENT-CHILD RSA SYNCHRONY, AND CHILDREN'S BIOBEHAVIORAL SELF-REGULATION

Location: St-Antoine, 9th Floor

Chair: Erika Lunkenheimer

PARENTAL EMOTIONAL REACTIVITY AND INDIVIDUAL DIFFERENCES IN AVERAGE RSA SHAPE PARENT-INFANT RSA SYNCHRONY

8:45 AM - 10:15 AM

Speaker: Jill Krause

PERSON-CENTERED PROFILES OF DYADIC MOTHER-CHILD RSA REACTIVITY AND ASSOCIATIONS WITH NEGATIVE PARENTING

8:45 AM - 10:15 AM

Speaker: Jianing Sun

THE ASSOCIATIONS BETWEEN PARENT-CHILD PHYSIOLOGICAL SYNCHRONY AND CHILDREN'S SELF-REGULATION: THE ROLE OF PARENT PERCEIVED STRESS

8:45 AM - 10:15 AM

Speaker: Yingying Tang

MOTHER-PRESCHOOLER RSA SYNCHRONY AND CHILDREN'S EMOTION REGULATION DEVELOPMENT ACROSS VARYING LEVELS OF FAMILY STRESS

8:45 AM - 10:15 AM

Speaker: Longfeng Li

8:45 AM - 10:15 AM	Symposium 1.3: LEVERAGING PSYCHOPHYSIOLOGY TO ADVANCE PERSONALIZED EXERCISE-BASED INTERVENTIONS FOR MENTAL HEALTH Location: Ville Marie, 9th Floor Chair: Christopher Brush ; Discussant: Brandon Alderman FLUCTUATION IN INHIBITORY CONTROL DURING INTENSE INTERMITTENT EXERCISE 8:45 AM - 10:15 AM Speaker: Aaron Kuznik ACUTE EXERCISE AND NEUROCOGNITIVE FUNCTION IN OLDER ADULTS WITH AND WITHOUT MILD COGNITIVE IMPAIRMENT 8:45 AM - 10:15 AM Speaker: Karly Knudson A PSYCHOPHYSIOLOGICAL EXAMINATION OF EXERCISE’S EFFECT ON REAPPRAISAL PROCESSES AND SYMPTOMS OF PSYCHOPATHOLOGY 8:45 AM - 10:15 AM Speaker: Kenan Sayers ACUTE EXERCISE AND ITS EFFECTS ON REWARD- AND NEUROCOGNITIVE-RELATED ERPS IN ADULTS WITH DEPRESSIVE SYMPTOMATOLOGY 8:45 AM - 10:15 AM Speaker: Christopher Brush
8:45 AM - 10:15 AM	Symposium 1.4: BIG IDEA - ADVANCING CAUSAL INFERENCE IN PSYCHOPHYSIOLOGICAL RESEARCH Location: Montreal ABC, 11th Floor Chair: Michael Larson REVEALING CAUSE-AND-EFFECT RELATIONSHIPS THROUGH CASE-BY-CASE ANALYSIS 8:45 AM - 10:15 AM Speaker: Harald Schupp NEUROMODULATION NORMALIZES BOTH FMRI AND ERP MEASURES OF ERROR PROCESSING IN OPIOID USE DISORDER: A POTENTIAL TREATMENT TARGET 8:45 AM - 10:15 AM Speaker: Vaughn Steele THE CASE FOR DIRECTIONALITY IN BRAIN CONNECTIVITY: ENVIRONMENTAL FACTORS SIMILARLY IMPACTING EXECUTIVE CONTROL ARE DIFFERENTIALLY ASSOCIATED WITH PATTERNS OF CAUSAL BRAIN CONNECTIVITY 8:45 AM - 10:15 AM Speaker: Eric Rawls FROM PRECISION PSYCHOPHYSIOLOGY TO PRECISION MEDICINE: HOW MUCH TAILORING IS NEEDED TO TREAT DEPRESSION AND SUICIDE RISK? 8:45 AM - 10:15 AM Speaker: Lisa McTeague DETERMINING THE OPTIMAL TMS PROTOCOL TO MODULATE THE REWARD POSITIVITY: THE PATH TO THEORETICAL AND CLINICAL PRECISION 8:45 AM - 10:15 AM Speaker: Travis Baker
10:00 AM - 8:30 PM	Exhibit Hall Location: Grande Place, 8th Floor
10:15 AM - 10:45 AM	Coffee Break Location: Grande Place, 8th Floor
10:15 AM - 11:00 AM	WISE Mentor Program Location: Viger, 8th Floor
10:50 AM - 11:00 AM	Welcome Remarks - Christine Larson, SPR President Location: Montreal ABC, 11th Floor
11:00 AM - 12:00 PM	Invited Keynote Address - Diego A. Pizzagalli Location: Montreal ABC, 11th Floor Speaker: Diego Pizzagalli
12:00 PM - 1:30 PM	Lunch Break (On your own)
12:00 PM - 1:30 PM	Women in Science and Education (WISE) Luncheon Location: Fortifications, 9th Floor
12:15 PM - 1:15 PM	Program Committee Lunch (Invitation Only)

1:30 PM - 3:00 PM

Symposium 2.1: TOWARDS NEW PERSPECTIVES ON BODY-BRAIN DYNAMICS: INNOVATIONS IN MEASUREMENT AND CLINICAL IMPLICATIONS

Location: Ville Marie, 9th Floor

Chair: Giuseppina Porciello ; Co-Chair: Vanessa Era

PROBING SATIETY FEELINGS THROUGH STOMACH-BRAIN COUPLING

1:30 PM - 3:00 PM

Speaker: Quentin Moreau

INGESTIBLE PILLS REVEAL INCREASED SYMPATHETIC CONTROL OVER GASTRIC ACTIVITY DURING VIRTUAL REALITY-INDUCED STRESS

1:30 PM - 3:00 PM

Speaker: Vanessa Era

PULSES TO SKIN CHANGE THE LOOK OF OTHERS: EMERGENT SOMATOVISCERAL NEURAL REPRESENTATIONS SUPPORT THE EMBODIMENT OF QUASI-INTEROCEPTIVE STIMULATION TO INFLUENCE EMOTIONAL JUDGMENTS

1:30 PM - 3:00 PM

Speaker: Hugo Critchley

BIDIRECTIONAL COMMUNICATION BETWEEN THE HEART AND THE BRAIN: IMPORTANCE OF VAGAL AFFERENTS

1:30 PM - 3:00 PM

Speaker: Julian Thayer

1:30 PM - 3:00 PM

Symposium 2.2: BEYOND AVERAGES: TRIAL-BY-TRIAL APPROACHES TO NEURAL AND BEHAVIORAL DYNAMICS

Location: St-Antoine, 9th Floor

Chair: Peter Clayson

BEYOND BLUNTED ERPS: PRESERVED TRIAL-BY-TRIAL ERP-BEHAVIOR RELATIONSHIPS IN PSYCHOSIS

1:30 PM - 3:00 PM

Speaker: Bohyun Park

REWARD LEARNING – A TRIAL-LEVEL APPROACH TO UNDERSTANDING AND LINKING BEHAVIORIAL AND NEURAL RESPONSES IN BOTH HUMANS AND RATS

1:30 PM - 3:00 PM

Speaker: Ty Lees

UNDERSTANDING THE BRAIN-BEHAVIOR RELATIONSHIPS IN SELF-REFERENTIAL PROCESSING: INSIGHTS FROM TRIAL-LEVEL ERP ANALYSIS AND NEURAL OSCILLATION DATA IN EARLY ADOLESCENTS

1:30 PM - 3:00 PM

Speaker: Pan Liu

THE REWARD POSITIVITY MAY ALSO REPRESENT A THREAT-RELATED RELIEF POSITIVITY: ELECTROCORTICAL FEEDBACK AND PREDICTION ERROR PROCESSING IN THREAT AVOIDANCE LEARNING WITH IMMINENT VERSUS DISTANT THREAT

1:30 PM - 3:00 PM

Speaker: Chris Stolz

THE PREDICTED RESIDUAL METHOD FOR CALCULATING TRIAL RESPONSE CONSISTENCY (TRC): A WITHIN-SUBJECT ESTIMATE OF DYNAMIC TRIAL-TO-TRIAL VARIABILITY

1:30 PM - 3:00 PM

Speaker: Danielle Jones

1:30 PM - 3:00 PM

Symposium 2.3: INFANT ELECTROPHYSIOLOGY: METHODOLOGICAL ADVANCES TOWARDS DEFINING EARLY COGNITIVE DEVELOPMENT

Location: Montreal D, 11th Floor

Chair: Anna-Lena Tebbe

SCALING EEG-BASED MEASUREMENT OF INFANTS' NEURODEVELOPMENT: CHALLENGES AND LESSONS LEARNED

1:30 PM - 3:00 PM

Speaker: Santiago Morales

FROM THE BRAINS OF BABES: EVIDENCE OF VISUOCORTICAL COMPETITION, SHARPENING AND GENERALIZATION

1:30 PM - 3:00 PM

Speaker: Lisa Scott

ALTERCENTRIC MODULATION OF NEURAL OBJECT PROCESSING IN INFANTS AND ADULTS

1:30 PM - 3:00 PM

Speaker: Anna-Lena Tebbe

INFANTS ACT IN LINE WITH SOCIAL CONVENTIONS –NEURAL, BEHAVIORAL AND EMOTIONAL FINDINGS IN LIVE SOCIAL SITUATIONS

1:30 PM - 3:00 PM

Speaker: Louisa Kulke

1:30 PM - 3:00 PM

Symposium 2.4: BRIDGING MINDS AND TECHNOLOGY: ADVANCEMENTS IN USING BRAIN-BASED METHODS TO BETTER UNDERSTAND AND TREAT DEPRESSIVE DISORDERS

Location: Montreal ABC, 11th Floor

Chair: Alainna Wen ; Co-Chair: Ben Rosenberg ; Discussant: Diego Pizzagalli

UNRAVELING BRAIN NETWORK CONNECTIVITY PATTERNS UNDERLYING DEPRESSIVE AND ANXIETY DISORDERS TRANSDIAGNOSTICALLY

1:30 PM - 3:00 PM

Speaker: Alainna Wen

INVESTIGATING HOT AND COLD EXECUTIVE FUNCTIONING IN ACTIVE AND REMITTED DEPRESSION

1:30 PM - 3:00 PM

Speaker: Leanne Quigley

THETA BURST STIMULATION TO THE DORSOMEDIAL PREFRONTAL CORTEX IN YOUNG ADULTS WITH DEPRESSION – EFFECTS ON NEURAL REWARD PROCESSING

1:30 PM - 3:00 PM

Speaker: Helmet Karim

DOES MENTAL HEALTH COACHING IMPROVE EFFICACY OF TRANSCRANIAL MAGNETIC STIMULATION FOR MAJOR DEPRESSION? EVIDENCE FROM A CLINICAL BENCHMARKING STUDY

1:30 PM - 3:00 PM

Speaker: Ben Rosenberg

3:00 PM - 3:30 PM

Refreshment Break

Location: Grande Place, 8th Floor

3:30 PM - 5:00 PM

Symposium 3.1: HEART-EVOKED POTENTIALS, INTEROCEPTION, AND THE ROLE OF RESPIRATION

Location: Montreal D, 11th Floor

Chair: Marie-Anne Vanderhasselt ; Discussant: Hugo Critchley

EVALUATING THE HEARTBEAT EVOKED POTENTIAL: CHALLENGES, SOLUTIONS, AND FUTURE DIRECTIONS IN INTEROCEPTIVE RESEARCH

3:30 PM - 5:00 PM

Speaker: Jennifer Murphy

METHODOLOGICAL APPROACHES TO DERIVE THE HEARTBEAT-EVOKED POTENTIAL: PAST PRACTICES AND FUTURE RECOMMENDATIONS

3:30 PM - 5:00 PM

Speaker: Rania-Iman Virjee

BRAIN-BODY COMMUNICATION IN RESPONSE TO PSYCHOSOCIAL STRESS: THE ROLE OF HEART-EVOKED POTENTIALS AND RESPIRATION

3:30 PM - 5:00 PM

Speaker: Riet Vergauwe

3:30 PM - 5:00 PM

Symposium 3.2: UNSEEN STRUGGLES: PSYCHOPHYSIOLOGICAL INSIGHTS INTO DISCRIMINATION AND RISK BIOMARKERS IN MINORIZED GROUPS

Location: Montreal ABC, 11th Floor

Chair: Luca Carnevali ; Co-Chair: Cristina Ottaviani ; Discussant: Julian Thayer

THE COST OF COPING: META-ANALYTIC EVIDENCE ON DISCRIMINATION AND HEART RATE VARIABILITY

3:30 PM - 5:00 PM

Speaker: Cristina Ottaviani

THE ROLE OF DISCRIMINATION IN CARDIOVASCULAR HEALTH: EXTENDING THE CARDIOVASCULAR CONUNDRUM

3:30 PM - 5:00 PM

Speaker: Luca Carnevali

RESTING HEART RATE VARIABILITY AND EMOTION REGULATION: MULTI-ETHNIC DIFFERENCES IN REAPPRAISAL AND SUPPRESSION

3:30 PM - 5:00 PM

Speaker: Darcianne K. Watanabe

STIGMA STRAINS STRESS PHYSIOLOGY OF SEXUAL AND GENDER DIVERSE PEOPLE

3:30 PM - 5:00 PM

Speaker: Robert-Paul Juster

3:30 PM - 5:00 PM

Symposium 3.3: RESTING-STATE RENAISSANCE: LEVERAGING RESTING-STATE NEURAL MEASURES TO UNDERSTAND ADOLESCENT INTERNALIZING PSYCHOPATHOLOGY

Location: St-Antoine, 9th Floor

Chair: Madison Politte-Corn

DISENTANGLING THE ROLE OF DIFFERENT RESTING-STATE NEURAL MARKERS OF ADOLESCENT BEHAVIORAL INHIBITION AND SOCIAL ANXIETY

3:30 PM - 5:00 PM

Speaker: Madison Politte-Corn

THETA CONNECTIVITY PATTERN SUBGROUPS IN ANXIOUS ADOLESCENTS AND THEIR ASSOCIATION WITH ANXIETY-RELATED PHENOTYPES

3:30 PM - 5:00 PM

Speaker: Jennifer de Rutte

SALIENCE-REWARD NETWORK COUPLING IS ASSOCIATED WITH DEPRESSION AND ANHEDONIA IN SOCIALLY ANXIOUS ADOLESCENTS

3:30 PM - 5:00 PM

Speaker: Corinne Carlton-Smith

REDUCED CONTROL NETWORK CONNECTIVITY AS A MECHANISM IMPLICATED IN THE INTERGENERATIONAL TRANSMISSION OF DEPRESSION

3:30 PM - 5:00 PM

Speaker: Eda Naz Dinc

3:30 PM - 5:00 PM

Symposium 3.4: PSYCHOPHYSIOLOGICAL INVESTIGATION OF MECHANISMS OF HARMFUL SUBSTANCE USE

Location: Ville Marie, 9th Floor

Chair: Christopher Patrick ; Discussant: Robert Krueger

LOW ALCOHOL SENSITIVITY AS A PHENOTYPIC MARKER OF INCENTIVE SALIENCE SUSCEPTIBILITY IN HUMANS

3:30 PM - 5:00 PM

Speaker: Bruce Bartholow

ALCOHOL SENSITIVITY'S RELATIONSHIP WITH ALCOHOL CUE REACTIVITY IS MODERATED BY TRAIT DISINHIBITION AND DRINKING SEVERITY

3:30 PM - 5:00 PM

Speaker: Alexander Kallan

NEURAL REWARD HYPOSENSITIVITY AND TRAIT DISINHIBITION INTERACT TO PREDICT SUBSTANCE PROBLEMS IN ADOLESCENCE: AN FMRI INVESTIGATION

3:30 PM - 5:00 PM

Speaker: Keanan Joyner

LOW REWARD SENSITIVITY AS A SPECIFIC CONTRIBUTOR TO HARMFUL SUBSTANCE USE OUTCOMES OF EXTERNALIZING LIABILITY: A HITOP MODEL ANALYSIS

3:30 PM - 5:00 PM

Speaker: Christopher Patrick

5:10 PM - 6:30 PM

Faces of the Future Flash Talks

Location: Montreal ABC, 11th Floor

Chair: Cristina Ottaviani, Christopher Brush

BEHAVIOURAL AND NEURAL DYNAMICS OF CATEGORY LEARNING ACROSS THE MENSTRUAL CYCLE

5:10 PM - 5:18 PM

Speaker: Mateja Perovic

PSYCHOLOGICAL COSTS OF DISTRACTION ACROSS SEX: ETHNIC DIFFERENCES BY HRV

5:18 PM - 5:26 PM

Speaker: Darcianne K. Watanabe

THE ROLE OF PARENTS' MINDSETS IN HOW THEIR ADOLESCENT RESPONDS TO A SOCIAL STRESSOR

5:26 PM - 5:34 PM

Speaker: Audrey-Ann Journault

PERSON-CENTERED PROFILES OF MATERNAL PSYCHOPATHOLOGY SYMPTOMS AND CHILDHOOD MALTREATMENT PREDICT MOTHERS' DIFFERENTIAL STRESS PHYSIOLOGY IN RESPONSE TO CHILDREN

5:34 PM - 5:42 PM

Speaker: Sohee Park

BIDIRECTIONAL EFFECTS OF PARENTING BEHAVIORS AND CHILD NEURAL DEVELOPMENT IN RESTING-STATE ALPHA/DELTA RATIOS

5:42 PM - 5:50 PM

Speaker: Beth McNamee

THE IMPACT OF MATERNAL TRAUMA ON CHILDREN'S OBSERVATIONAL FEAR LEARNING

5:50 PM - 5:58 PM

Speaker: Christine Truong

TIME-VARYING CHANGES IN VISUOCORTICAL TUNING DURING AVERSIVE CONDITIONING AND EXTINCTION: TRIAL-BY-TRIAL SSVEP ANALYSES AND PERSISTENCE AND FLEXIBILITY OF SENSORY PLASTICITY

5:58 PM - 6:06 PM

Speaker: Judith Cediel

EMOTIONAL INFLEXIBILITY AND REACTIVITY AS RISK FACTORS FOR FEAR-RELATED SYMPTOMATOLOGY: A COMBINED EMA AND FMRI STUDY

6:06 PM - 6:14 PM

Speaker: Ha Jeong Park

EEG CORRELATES DURING THE EMOTIONAL PROCESSING OF PERSONALIZED SHORT-VIDEO CONTENT AND INTERNALIZING SYMPTOMS IN YOUNG ADULTS

6:14 PM - 6:22 PM

Speaker: Carole Leung

REWARD PROCESSING AND ANGER IN YOUTH WITH TOURETTE SYNDROME

6:22 PM - 6:30 PM

Speaker: Simon Morand-Beaulieu

6:30 PM - 8:30 PM

Poster Session II

Location: Grande Place, 8th Floor

POS001-2: MOBILE EEG AS AN EARLY DETECTION TOOL FOR MILD COGNITIVE IMPAIRMENT: EVIDENCE FROM P300 AND MOCA PERFORMANCE

6:30 PM - 8:30 PM

Speaker: Jennifer Meszaros

POS002-2: INVESTIGATING AGE-RELATED COGNITIVE DECLINE IN HEALTHY ADULTS USING CRUNCH AND PERIPHERAL VASCULAR MEASURES

6:30 PM - 8:30 PM

Speaker: Ben Bacon

POS003-2: FUNCTIONAL NEAR-INFRARED SPECTROSCOPY REVEALS RIGHT PREFRONTAL CORTICAL RECRUITMENT DURING NAMING TASKS IN APHASIA

6:30 PM - 8:30 PM

Speaker: Bijoyaa Mohapatra

POS004-2: THE TIME COURSE OF NEGATIVE EMOTIONAL RESPONSES AND ASSOCIATIONS WITH TIME SPENT ON WORK

6:30 PM - 8:30 PM

Speaker: Jonathan Morris

POS005-2: CEREBELLAR WHITE MATTER MICROSTRUCTURE IS ASSOCIATED WITH AGE, AMYLOID LEVELS, AND COGNITION

6:30 PM - 8:30 PM

Speaker: Elizabeth Paitel

POS006-2: RESTING-STATE APERIODIC EXPONENT IN THE ANTERIOR CINGULATE CORTEX VARIES WITH ALEXITHYMIA

6:30 PM - 8:30 PM

Speaker: Mary Polking

POS007-2: ADAPTATION FOLLOWING CONFLICT: ERP EVIDENCE FROM AN AFFECTIVE FLANKER

6:30 PM - 8:30 PM

Speaker: Rachel Gaynor

POS008-2: UNCOVERING THE LOCUS OF THE TEMPORAL UNCERTAINTY WITH LATERALIZED READINESS POTENTIALS

6:30 PM - 8:30 PM
Speaker: Yuta Kimura

POS009-2: VISUO-ATTENTIONAL PROCESSES UNDERLYING SELECTIVE ENUMERATION OF EMOTIONAL FACES

6:30 PM - 8:30 PM
Speaker: Kei Kobayashi

POS010-2: DIFFERENT ROLES OF ANTERIOR AND POSTERIOR INSULA IN SOMATOSENSORY PROCESSING

6:30 PM - 8:30 PM
Speaker: Yasunori Kotani

POS011-2: THE EFFECTS OF CANNABIS, ALCOHOL AND CO-USE ON NEUROCOGNITIVE FUNCTIONING AND THE RELATED BEHAVIORAL PATTERNS

6:30 PM - 8:30 PM
Speaker: Cole Campbell

POS012-2: TASK COMMITMENT INCREASES LEFT-HEMISPHERE REWARD ACTIVITY

6:30 PM - 8:30 PM
Speaker: Yoshimi Ohgami

POS013-2: SYNTHETIC IMAGE EVOLUTION FOR AFFECTIVE SCIENCE

6:30 PM - 8:30 PM
Speaker: Darius Valevicius

POS014-2: GRASPING THE POUCH OF A JELLY BEVERAGE WITH THE LEFT HAND INDUCED RIGHT-HEMISPHERIC ACTIVATION AND CORRECT-RESPONSE MONITORING

6:30 PM - 8:30 PM
Speaker: Ryuto Inoyama

POS015-2: NEURAL INDICES OF RISKY DECISION MAKING: ERPS AND ANXIETY

6:30 PM - 8:30 PM
Speaker: Aminda O'Hare

POS016-2: THE SPATIAL DISTRIBUTION OF REWARD PROCESSING AND ITS IMPLICATION IN DEPRESSION: A HIGH-DENSITY EEG STUDY

6:30 PM - 8:30 PM
Speaker: Anna Patterson

POS017-2: TEMPORAL DECODING OF REWARD PROCESSING USING MEG

6:30 PM - 8:30 PM
Speaker: Chris Pirrung

POS018-2: AGENCY OVERCOMES EARNING IN SELF-RELATED REWARD PROCESSING

6:30 PM - 8:30 PM
Speaker: Mathew Rocha Hammerstrom

POS019-2: ERP INDICES OF INITIAL RESPONSE TO REWARD: REDUNDANCY, UNIQUE VARIANCE, RELIABILITY ACROSS 3 MEASUREMENT OCCASIONS AND GENERALIZATION OF RELIABILITY ACROSS CLINICAL AND DEMOGRAPHIC GROUPS

6:30 PM - 8:30 PM
Speaker: Gyorgy Hamori

POS020-2: ELECTROPHYSIOLOGICAL SOURCE LOCALIZATION (ESL) OF EPILEPSY ONSET ZONE USING INTERICTAL SCALP EEG: RETROSPECTIVE ANALYSIS OF PEDIATRIC EPILEPSY CASE SERIES

6:30 PM - 8:30 PM
Speaker: Norah Hill

POS021-2: SENSORY PROCESSING IN NEUROTYPICAL CHILDREN: THE INFLUENCE OF SOCIOECONOMIC STATUS ON BEHAVIOR AND BRAIN

6:30 PM - 8:30 PM
Speaker: Rujira Jaikaew

POS022-2: EFFECTS OF “THIN-IDEAL” EXPOSURE ON SELF-REFERENTIAL PROCESSING IN YOUNG CISGENDER WOMEN: AN ERP STUDY

6:30 PM - 8:30 PM
Speaker: Avigna Jena

POS023-2: EEG CORRELATES DURING THE EMOTIONAL PROCESSING OF PERSONALIZED SHORT-VIDEO CONTENT AND INTERNALIZING SYMPTOMS IN YOUNG ADULTS

6:30 PM - 8:30 PM
Speaker: Carole Leung

POS024-2: ASSOCIATIONS BETWEEN INFANT DELTA-BETA COUPLING AND NEGATIVE AFFECTIVITY: A MULTI-METHOD STUDY

6:30 PM - 8:30 PM
Speaker: Joséphine Levy

POS025-2: 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

6:30 PM - 8:30 PM
Speaker: Mario Liotti

POS026-2: EFFECT OF PRE- AND POST-NATAL ANEMIA ON INFANT VISUAL EXCITATION/INHIBITION BALANCE OVER THE FIRST 2 POSTNATAL YEARS

6:30 PM - 8:30 PM
Speaker: Emma Margolis

POS027-2: ADOLESCENT SOCIAL STRESS AND DEPRESSION: INTERACTIONS WITH THE REWARD POSITIVITY (REWP) TO MULTIPLE REWARD TYPES

6:30 PM - 8:30 PM

Speaker: Maddie McGregor

POS028-2: BIDIRECTIONAL EFFECTS OF PARENTING BEHAVIORS AND CHILD NEURAL DEVELOPMENT IN RESTING-STATE ALPHA/DELTA RATIOS

6:30 PM - 8:30 PM

Speaker: Beth McNamee

POS029-2: RESTING BRAIN ACTIVITY ACROSS EARLY CHILDHOOD: ASSOCIATIONS WITH MATERNAL DEPRESSION AND SOCIOEMOTIONAL BEHAVIOUR PROBLEMS IN LOW-INCOME FAMILIES

6:30 PM - 8:30 PM

Speaker: Olivia Merulla

POS030-2: MOTHERS' AND INFANTS' LATE POSITIVE POTENTIAL RELATE TO EACH OTHER'S ANXIETY

6:30 PM - 8:30 PM

Speaker: Allison Morra

POS031-2: REGULATE YOUR DISTANCE: HOW FEELINGS OF CLOSENESS VARY WITH FACIAL MIMICRY AND PHYSIOLOGICAL SYNCHRONY

6:30 PM - 8:30 PM

Speaker: Hedwig Eisenbarth

POS032-2: TEMPORAL DYNAMICS OF MIXED EMOTIONS: COMPUTATIONAL MODELING REVEALS PREDOMINANT CONCURRENT PATTERNS OF EMG-DERIVED NEGATIVE AND POSITIVE AFFECTIVE ACTIVATION

6:30 PM - 8:30 PM

Speaker: Frances Jiang

POS033-2: REGULATING MIXED EMOTIONS: THE ROLE OF EMOTION GOALS ON EXPERIENTIAL, EXPRESSIVE, AND PHYSIOLOGICAL RESPONSES

6:30 PM - 8:30 PM

Speaker: Sylvia Kreibig

POS034-2: INVESTIGATING ASSOCIATIONS BETWEEN VARIATION IN CARDIOVASCULAR REACTIVITY AND EMOTIONAL GRANULARITY IN DAILY LIFE

6:30 PM - 8:30 PM

Speaker: Lily Marino

POS035-2: AFFECTIVE PROCESSING IN PREADOLESCENTS WITH A FAMILIAL RISK FOR DEPRESSION: INSIGHTS FROM ERPS

6:30 PM - 8:30 PM

Speaker: Libera Ylenia Mastromatteo

POS036-2: CORTISOL STRESS REACTIVITY AMONG SEXUALLY DIVERSE COUPLES

6:30 PM - 8:30 PM

Speaker: Silke Jacmin-Park

POS037-2: TIME-VARYING CHANGES IN VISUOCORTICAL TUNING DURING AVERSIVE CONDITIONING AND EXTINCTION: TRIAL-BY-TRIAL SSVEP ANALYSES AND PERSISTENCE AND FLEXIBILITY OF SENSORY PLASTICITY

6:30 PM - 8:30 PM

Speaker: Judith Cediel

POS038-2: REDUCING THE COMPLEXITY OF THE EXPERIMENTAL DESIGN ATTENUATES TRAIT-LEVEL EFFECTS IN THREAT SAFETY DISCRIMINATION LEARNING

6:30 PM - 8:30 PM

Speaker: Justin Lazzarino

POS039-2: SYSTEMATIC REVIEW AND META-ANALYSIS: IMPACT OF UNIPOLAR DEPRESSION ON P300 AMPLITUDE AND LATENCY

6:30 PM - 8:30 PM

Speaker: Nick Santopetro

POS040-2: A META-ANALYTIC REVIEW OF SPORT-RELATED CONCUSSIONS AND EVENT-RELATED BRAIN POTENTIALS.

6:30 PM - 8:30 PM

Speaker: Melissa Materia

POS041-2: A NOVEL PARADIGM FOR ASSESSING BRAIN ACTIVITY DURING UPDATES TO WORKING MEMORY

6:30 PM - 8:30 PM

Speaker: Daniel F. Morris

POS042-2: INVESTIGATING THE EFFECTS OF MAGNITUDE OF SOCIAL REWARD AND SOCIAL MEDIA USAGE ON REWARD POSITIVITY AND LEARNING

6:30 PM - 8:30 PM

Speaker: Cecelia Bauer

POS043-2: REAL-TIME EMOTIONAL MONITORING: A CONSTANT DIMENSION APPROACH

6:30 PM - 8:30 PM

Speaker: Shane McClafferty

POS044-2: HEMISPHERIC NEUROMODULATION IN THE DLPFC ALTERS ATTENTIONAL SCOPE IN GOAL-DIRECTED STATES: AN RTMS STUDY

6:30 PM - 8:30 PM

Speaker: Timothy McCoy

POS045-2: MOTIVATIONAL DIRECTION BEYOND AFFECT: FRONTAL ALPHA ASYMMETRY IN APPROACH-AVOIDANCE ACROSS CONTEXTS

6:30 PM - 8:30 PM

Speaker: Angélica Mendes

POS046-2: INTRINSIC MOTIVATION AND REWARD PROCESSING VARY BY TASK TYPE: INSIGHTS FROM HIGH-DENSITY EEG

6:30 PM - 8:30 PM

Speaker: Kaylee Mercer

POS047-2: FACIAL FEATURES OUTPERFORM CARDIOVASCULAR VARIABLES FOR MOTIVATIONAL DIMENSION PREDICTION

6:30 PM - 8:30 PM

Speaker: Shirin Mohammadian

POS048-2: CONFIRMATION OF A USEFUL DARK-ROOM RESTING-STATE PROCEDURE: PERIODIC AND APERIODIC MEG ACTIVITY IN CHILDREN

6:30 PM - 8:30 PM

Speaker: Drayton Murray

POS049-2: DIFFERENT FACE SIZES RESULT IN DIFFERING MODULATIONS OF FACE ERPS

6:30 PM - 8:30 PM

Speaker: Lily Laevens

POS050-2: ELECTROMAGNETIC SHIELDING REDUCES EFFECTS OF SMARTPHONE-EMITTED RADIATION ON BRAIN ACTIVITY, HEART RATE VARIABILITY, AND ELECTROMYOGRAPHIC ACTIVITY

6:30 PM - 8:30 PM

Speaker: Diana Henz

POS051-2: ALTERATION OF EARLY ATTENTIONAL PROCESSES BY PAIN DOES NOT AFFECT WORKING MEMORY PERFORMANCE AND CONTRALATERAL DELAYED ACTIVITY DURING A VISUAL COGNITIVE TASK

6:30 PM - 8:30 PM

Speaker: Golnoosh Kamyab

POS052-2: 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.

6:30 PM - 8:30 PM

Speaker: Benjamin Provencher

POS053-2: PARASYMPATHETIC CARDIAC CONTROL DURING ATTENTIONAL FOCUS AND WORRY IN FIBROMYALGIA PATIENTS

6:30 PM - 8:30 PM

Speaker: Pilar Ruiz

POS054-2: TRAIT ANXIETY MODULATES VIGILANCE BUT NOT CONFLICT RESOLUTION: SUPPORT FROM MASS UNIVARIATE STATISTICS ACROSS TWO STUDIES

6:30 PM - 8:30 PM

Speaker: Zelin Chen

POS055-2: ATTITUDES TOWARDS EMOTIONS ARE ASSOCIATED WITH RESTING FRONTAL ASYMMETRY: INFLUENCE OF MOTIVATIONAL STATES AND MOTIVATIONAL CONFLICT

6:30 PM - 8:30 PM

Speaker: Sarah Marshall

POS056-2: INTEROCEPTIVE AWARENESS AND PUNISHMENT SENSITIVITY ENHANCE ERROR EVALUATION

6:30 PM - 8:30 PM

Speaker: Yuya Maruo

POS057-2: INVESTIGATING RELATIONSHIPS BETWEEN SELF-REPORTED SYMPTOMS AND NEUROPHYSIOLOGICAL INDICES FOLLOWING MILD TRAUMATIC BRAIN INJURY

6:30 PM - 8:30 PM

Speaker: Hope Nyarady

POS058-2: WEARABLE BRAINPATCH VAGUS STIMULATION TECHNOLOGY FOR INDIVIDUAL'S MENTAL WELLNESS

6:30 PM - 8:30 PM

Speaker: Sergii Tukaiev

POS059-2: IS EMPATHY A MULTIDIMENSIONAL CONSTRUCT? NO SUPPORT FROM ERPS TO PAINFUL STIMULI

6:30 PM - 8:30 PM

Speaker: Seth Winward

POS060-2: THE UNPLEASURABLE DISREGARD OF EFFORT: ANHEDONIA IS RELATED TO REDUCED CONSIDERATION OF COSTS DURING REWARD VALUATION

6:30 PM - 8:30 PM

Speaker: Gavin Heindorf

POS061-2: EFFECTS OF CANNABIS USE AND BINGE DRINKING ON GOSTOP P3 AMPLITUDE

6:30 PM - 8:30 PM

Speaker: Rebecca Houston

POS063-2: THREAT-RELATED ATTENTIONAL ABERRATIONS AMONG SUICIDE ATTEMPTERS: EVIDENCE FROM THE LPP AND TARGET-LOCKED P300

6:30 PM - 8:30 PM

Speaker: David Johnson

POS064-2: INVESTIGATING THE LINK BETWEEN COGNITION AND CARDIAC ACTIVITY IN INTERNALIZING DISORDERS

6:30 PM - 8:30 PM

Speaker: Franziska Jüres

POS065-2: TRAIT WORRY IS PREDICTIVE OF SUBJECTIVE BUT NOT AUTONOMIC MEASURES OF EMOTION DYNAMICS

6:30 PM - 8:30 PM

Speaker: Alice Klein

POS066-2: DECISION-MAKING IN INTERNALIZING DISORDERS: TRANSDIAGNOSTIC DIFFERENCES IN THE DRIFT DIFFUSION MODEL

6:30 PM - 8:30 PM

Speaker: Laura Langemeyer

POS067-2: THE ROLE OF REWARD MAGNITUDE IN UNDERSTANDING THE CLINICAL PHENOTYPE OF ADHD

6:30 PM - 8:30 PM

Speaker: Lilliya Larson

POS068-2: DIFFERENCES IN HIGH-FREQUENCY CONNECTIVITY AMONG LARGE-SCALE FUNCTIONAL NETWORKS LINKED TO MAJOR DEPRESSIVE DISORDER AND TREATMENT-RESISTANT DEPRESSION

6:30 PM - 8:30 PM

Speaker: Ty Lees

POS069-2: DO ANXIETY TRAITS MODULATE FACIAL EXPRESSION PROCESSING? A FULL-SCALP MASS UNIVARIATE ERP STUDY

6:30 PM - 8:30 PM

Speaker: Amie Durston

POS070-2: DISTRACTION UNDER COMPETITION IN OBSESSIVE-COMPULSIVE DISORDER

6:30 PM - 8:30 PM

Speaker: Katherine McCain

POS071-2: NEURAL RESPONSES TO INTERPERSONAL EMOTIONAL STIMULI MODERATE EFFECTS OF SOCIAL CONTEXT ON REAL WORLD AFFECTIVE RESPONSES

6:30 PM - 8:30 PM

Speaker: Georgia Moon

POS072-2: REWARD PROCESSING AND ANGER IN YOUTH WITH TOURETTE SYNDROME

6:30 PM - 8:30 PM

Speaker: Simon Morand-Beaulieu

POS073-2: CHANGES IN REWARD PROCESSING THROUGHOUT A TASK PREDICT WORTHLESSNESS ONE YEAR LATER

6:30 PM - 8:30 PM

Speaker: Richard Morris

POS074-2: INDIVIDUAL DIFFERENCES IN GENERALIZING FEAR EXTINCTION LEARNING ACROSS THE SPECTRUM OF ANXIETY LOAD: INTEGRATING VERBAL REPORTS, STARTLE RESPONSES, AND SKIN CONDUCTANCE

6:30 PM - 8:30 PM

Speaker: Edgar Nazarenius

POS075-2: EMOTION-ATTENTION RELATIONSHIPS IN ANXIETY: A MULTIMODAL NETWORK ANALYSIS

6:30 PM - 8:30 PM

Speaker: Kyle O'Brien

POS076-2: EMOTIONAL INFLEXIBILITY AND REACTIVITY AS RISK FACTORS FOR FEAR-RELATED SYMPTOMATOLOGY: A COMBINED EMA AND FMRI STUDY

6:30 PM - 8:30 PM

Speaker: Ha Jeong Park

POS077-2: MOTIVATIONAL BIASES IN FEEDBACK-BASED LEARNING ARE UNALTERED IN OBSESSIVE-COMPULSIVE DISORDER

6:30 PM - 8:30 PM

Speaker: Jutta Peterburs

POS078-2: A DATA-DRIVEN MAP OF HRV INDICES: CLUSTERING TO INFORM SELECTION

6:30 PM - 8:30 PM

Speaker: Tam Pham

POS079-2: NEURAL CORRELATES OF WORKING MEMORY SUBPROCESSES IN CHILDREN WITH AND WITHOUT ADHD

6:30 PM - 8:30 PM

Speaker: Sarah Pieper

POS080-2: APERIODIC AND PERIODIC COMPONENTS OF EEG POWER SPECTRA VARY BY TIME OF DAY

6:30 PM - 8:30 PM

Speaker: Eoin Quinn

POS081-2: HOW ARE AUTONOMIC PHYSIOLOGY AND EMOTIONAL BEHAVIOR LINKED IN FUNCTIONAL SEIZURES?

6:30 PM - 8:30 PM

Speaker: Nicole Roberts

POS083-2: EFFECTS OF EMOTIONAL SPEECH CONTEXT ON THE NEURAL PROCESSING OF CONTINUOUS SPEECH

6:30 PM - 8:30 PM

Speaker: Teagan Esther

POS084-2: VISCERREALITY: INDUCING ALTERED STATES OF CONSCIOUSNESS THROUGH BREATH-BASED VR WITH COUPLED OSCILLATOR DYNAMICS

6:30 PM - 8:30 PM

Speaker: George Fejer

POS085-2: INNER RHYTHMS OF THE BODILY SELF: CARDIORESPIRATORY CONTRIBUTIONS TO SENSE OF AGENCY AND VOLUNTARY ACTION INITIATION

6:30 PM - 8:30 PM

Speaker: Marta Gerosa

POS086-2: ACTIVE TOUCH EXPLORATION OF MATERIALS: AN FNIRS INVESTIGATION OF AESTHETICS

6:30 PM - 8:30 PM

Speaker: Thomas Jacobsen

POS087-2: INDIVIDUAL DIFFERENCES IN FACE PERCEPTION

6:30 PM - 8:30 PM

Speaker: Tringa Lecaj

POS088-2: EVALUATING THE ROBUSTNESS OF THE FACE FIXATION LOCATION EFFECT ACROSS DATASETS AND STATISTICAL METHODS

6:30 PM - 8:30 PM

Speaker: Calla Mueller

POS089-2: LET'S TALK ABOUT SEX... DIFFERENCES IN ALCOHOL'S PHARMACOLOGICAL EFFECTS ON STARTLE POTENTIATION: A MULTIVERSE APPROACH

6:30 PM - 8:30 PM

Speaker: Rachel Goldblum

POS090-2: MENSTRUAL CYCLE INFLUENCES NEURAL AND BEHAVIORAL MECHANISMS OF FACIAL EXPRESSION PROCESSING

6:30 PM - 8:30 PM

Speaker: Marie Huc

POS091-2: HORMONAL MODULATION OF BRAIN DYNAMICS IN MENSTRUATING ADOLESCENTS AND YOUNG ADULTS: EEG INSIGHTS ACROSS THE MENSTRUAL CYCLE

6:30 PM - 8:30 PM

Speaker: Gabriela Kennedy

POS092-2: CONTRIBUTION OF FEAR OF PAIN TO THE DISSOCIATION BETWEEN PAIN AND EVENT-RELATED BRAIN POTENTIALS DURING TEMPORAL SUMMATION OF PAIN

6:30 PM - 8:30 PM

Speaker: Anne-Sophie Marion

POS093-2: LPP-RESPONSES TO EROTIC STIMULI: INFLUENCE OF GENDER AND MENSTRUAL CYCLE

6:30 PM - 8:30 PM

Speaker: Katharina Paul

POS094-2: BEHAVIOURAL AND NEURAL DYNAMICS OF CATEGORY LEARNING ACROSS THE MENSTRUAL CYCLE

6:30 PM - 8:30 PM

Speaker: Mateja Perovic

POS095-2: RESTING EEG ALPHA AND THETA POWER AS BIOMARKERS OF INSOMNIA AND PAIN FOLLOWING TRAUMATIC INJURY

6:30 PM - 8:30 PM

Speaker: Isabella Bourtin

POS096-2: RESTING VAGALLY-MEDIATED HEART RATE VARIABILITY (VMHRV) AND SUBJECTIVE SELF-REPORTED VARIABLES IN ATHLETES: A SCOPING REVIEW

6:30 PM - 8:30 PM

Speaker: Sylvain Laborde

POS097-2: THE INFLUENCE OF BREATHING-INDUCED ACTIVATION ON THE PRE-DECISIONAL INFORMATION SEARCH AND STRATEGY SELECTION

6:30 PM - 8:30 PM

Speaker: Masa Iskra

POS098-2: 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

6:30 PM - 8:30 PM

Speaker: Vera Jandackova

POS099-2: THE ROLE OF PARENTS' MINDSETS IN HOW THEIR ADOLESCENT RESPONDS TO A SOCIAL STRESSOR

6:30 PM - 8:30 PM

Speaker: Audrey-Ann Journault

POS100-2: VALIDATING WRIST-BASED CONSUMER DEVICES AGAINST STATIONARY LAB EQUIPMENT FOR RESEARCH ON THE AUTONOMIC NERVOUS SYSTEM

6:30 PM - 8:30 PM

Speaker: Jacklyn Koyama

POS101-2: STRESS IN AN EYEBLINK: EFFECTS OF STRESS INDUCTION ON BLINK PARAMETERS AND BLINK RELATED POTENTIALS

6:30 PM - 8:30 PM

Speaker: Mauro Larrá

POS102-2: SHARED NEURAL SIGNATURES OF SOCIAL AND NUTRITIONAL SUPPORT IN THE HUMAN PREFRONTAL AND CINGULATE CORTEX

6:30 PM - 8:30 PM

Speaker: Minwoo Lee

POS103-2: 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

6:30 PM - 8:30 PM

Speaker: Valentin Magnon

POS104-2: EXPLORING LINKS BETWEEN VAGAL REACTIVITY TO STRESS, PACED BREATHING AND LONG-TERM MEMORY PERFORMANCE

6:30 PM - 8:30 PM

Speaker: Maria Meier

POS105-2: TOWARDS MULTIMODAL MANIPULATION CHECKS: PHYSIOLOGICAL AND SELF-REPORTED RESPONSES TO THE CYBERBALL TASK

6:30 PM - 8:30 PM

Speaker: Nina Micanovic

POS106-2: HRV METRICS DURING SLOW-PACED YOGIC BREATHING TRACK PARASYMPATHETIC, NOT SYMPATHETIC, INFLUENCES AS VERIFIED WITH PHARMACOLOGICAL BLOCKADES.

6:30 PM - 8:30 PM

Speaker: Jacob Dahill-Fuchel

8:30 PM - 9:30 PM

Past President's Dinner (Offsite & Invitation Only)

9:00 PM - 11:00 PM

Student Social (Offsite)

Location: Les 3 Brasseurs (3 Brewers) Saint-Paul

Friday, October 17, 2025

7:00 AM - 6:30 PM

Registration / Check-in

Location: Montreal Foyer, 11th Floor.

7:00 AM - 6:30 PM

Private Needs Room

7:00 AM - 6:30 PM

Quiet Room

Location: Le Moyne, 8th Floor

7:30 AM - 8:30 AM

Psychophysiology's "Meet the Editors"

Location: Viger, 8th Floor

Speaker: Andreas Keil

8:00 AM - 8:30 AM

Morning Coffee

Location: Grande Place, 8th Floor

8:45 AM - 10:15 AM

Symposium 4.1: NAVIGATING INTEROCEPTIVE CROSSROADS: THE INTERPLAY OF BODILY SIGNALS, EMOTION, AND STRESS

Location: Montreal ABC, 11th Floor

Chair: Christine Schillings ; Co-chair: Olga Pollatos

THE DOUBLE-EDGED SWORD OF INTEROCEPTION IN COPING WITH SOCIAL STRESS: MODERATING EFFECTS OF REAPPRAISAL

8:45 AM - 10:15 AM

Speaker: Lorenz Rapp

THE IMPACT OF ACUTE STRESS ON GASTRIC INTEROCEPTION: MODULATING EFFECTS OF EMOTION REGULATION AND EATING TRAITS

8:45 AM - 10:15 AM

Speaker: Miriam Kipping

STRESS AFFECTS CARDIAC INTEROCEPTIVE ATTENTION, AS REFLECTED BY HEARTBEAT-EVOKED POTENTIALS

8:45 AM - 10:15 AM

Speaker: André Schulz

MAPPING THE INTEROCEPTION-EMOTION LINK: A MULTI-FACETED FMRI STUDY

8:45 AM - 10:15 AM

Speaker: Jasmin Schultze

8:45 AM - 10:15 AM

Symposium 4.2: BIOPSYCHOSOCIAL PERSPECTIVES ON EMOTION REGULATION: INDIVIDUAL DIFFERENCES, INTERVENTIONS, AND META-ANALYTIC INSIGHTS

Location: Montreal D, 11th Floor

Chair: Marc Jarczok ; Co-Chair: Cristina Ottaviani ; Discussant: Julian Thayer

THE ASSOCIATION OF EMOTION REGULATION STRATEGIES WITH RESTING VAGAL TONE, A SYSTEMATIC REVIEW AND INDIVIDUAL PARTICIPANT DATA META-ANALYSIS

8:45 AM - 10:15 AM

Speaker: Nina Kupper

EMOTION SUPPRESSION MODERATES THE LINK BETWEEN STRESS AND CARDIOVASCULAR DISEASE RISK IN JAPANESE AND AMERICANS

8:45 AM - 10:15 AM

Speaker: Darcianne K. Watanabe

AN EXPERIMENTAL EXAMINATION OF HEART RATE VARIABILITY BIOFEEDBACK TRAINING ON SYMPTOMS OF ANXIETY

8:45 AM - 10:15 AM

Speaker: Frances Meeten

THE IMPACT OF MALADAPTIVE EMOTION REGULATION ON REWARD PROCESSING: BEHAVIORAL AND ELECTROPHYSIOLOGICAL EVIDENCE IN DEPRESSION VULNERABILITY

8:45 AM - 10:15 AM

Speaker: Martino Schettino

FROM RESPIRATION TO NEURAL REGULATION: EVIDENCE FROM A CLINICAL RCT ON SLOW PACED BREATHING AND EMOTIONAL CONTROL

8:45 AM - 10:15 AM

Speaker: Marc Jarczok

8:45 AM - 10:15 AM

Symposium 4.3: EXPANDING THE MULTIVERSE: APPLIED EXAMPLES AND THE GROWING IMPACT OF MULTIVERSE ANALYSES IN PSYCHOPHYSIOLOGICAL RESEARCH

Location: St-Antoine, 9th Floor

Chair: Peter Clayson ; Co-Chair: Michael Larson

OPTIMIZING THE LATE POSITIVE POTENTIAL PREPROCESSING PIPELINE: ACTIVE ELECTRODES JOIN THE DEBATE

8:45 AM - 10:15 AM

Speaker: Francesco Versace

THE IMPACT OF ANALYTICAL DECISIONS ON THE ASSOCIATION OF DEPRESSIVE SYMPTOMS AND REWARD POSITIVITY: RESULTS FROM A COOPERATIVE FORKING PATHS ANALYSIS

8:45 AM - 10:15 AM

Speaker: Hannes Per Carsten

A MULTIVERSE ANALYSIS ON THE RELATIONSHIP BETWEEN INHIBITORY CONTROL AND CALORIC AND CARBOHYDRATE INTAKE: AN EVENT-RELATED POTENTIAL (ERP) STUDY

8:45 AM - 10:15 AM

Speaker: Kaylie Carbine

A MULTIVERSE APPROACH TO PERFORMANCE MONITORING: AN EXAMINATION OF ERP-BEHAVIOR RELATIONSHIPS

8:45 AM - 10:15 AM

Speaker: Bohyun Park

INTERPLAY BETWEEN ERN AMPLITUDE, TRAIT NEUROTICISM, AND INTERNALIZING SYMPTOMS: CONTRASTING TASK SPECIFICITY VERSUS GENERALIZABILITY

8:45 AM - 10:15 AM

Speaker: Roslyn Harold

8:45 AM - 10:15 AM

Symposium 4.4: WIRED FOR CONNECTION: PHYSIOLOGICAL SYNCHRONY AND SOCIAL REGULATION ACROSS THE LIFESPAN

Location: Ville Marie, 9th Floor

Chair: Lisa Gistelinck

EXAMINING DUAL PHYSIOLOGICAL RESPONSES: INSIGHTS INTO HRV DIFFERENCES IN AUTISTIC CHILDREN

8:45 AM - 10:15 AM

Speaker: Ruth Op de Beeck

EXPLORING THE NEXUS OF BEHAVIORAL MIMICRY AND PHYSIOLOGICAL SYNCHRONY IN DYADIC COOPERATION

8:45 AM - 10:15 AM

Speaker: Fabiola Diana

WHAT HAPPENS TO AUTONOMIC AROUSAL AND CONTINGENCY TO NON-CRY VOCALISATIONS IN INFANT-CAREGIVER DYADS IF THE CAREGIVER HAS ELEVATED ANXIETY?

8:45 AM - 10:15 AM

Speaker: Isil Necef

PHYSIOLOGICAL REGULATION IN PREMATURELY BORN PRESCHOOLERS: EXAMINING THE EFFECTS OF PERINATAL STRESS

8:45 AM - 10:15 AM

Speaker: Lisa Gistelinck

10:00 AM - 8:30 PM	Exhibit Hall
10:15 AM - 10:45 AM	Coffee Break Location: Grande Place, 8th Floor
10:45 AM - 11:45 AM	Invited Keynote Address - Dani S. Bassett Location: Montreal ABC, 11th Floor Speaker: Dani Bassett
11:45 AM - 1:15 PM	Lunch Break (On your own)
11:45 AM - 1:15 PM	Education & Training Committee (ETC) Roundtable Discussions & Luncheon Location: Viger, 8th Floor
11:45 AM - 1:15 PM	Psychophysiology, Engineering, and Human-Factors Luncheon Location: Fortifications, 9th Floor
11:45 AM - 1:15 PM	Committee Lunches (Invitation Only)
1:15 PM - 2:45 PM	Symposium 5.1: FROM THE MICROSYSTEM TO THE EXOSYSTEM: ECOLOGICAL INFLUENCES ON NEURODEVELOPMENT ACROSS INFANCY, CHILDHOOD, AND ADOLESCENCE Location: Montreal D, 11th Floor Chair: Aislinn Sandre ; Co-Chair: Kaylin Hill ; Discussant: Lisa Gatzke-Kopp ASSOCIATIONS BETWEEN SES, CAREGIVER INTERACTIONS, AND DEVELOPMENT OF NEURAL PROCESSES DURING INFANCY 1:15 PM - 2:45 PM Speaker: Lara Pierce FAMILY SOCIOECONOMIC DISADVANTAGE AND EARLY CHILDHOOD BRAIN DEVELOPMENT 1:15 PM - 2:45 PM Speaker: Aislinn Sandre THE N2 DURING PRESCHOOL: TEMPORAL STABILITY AND A TEST OF BIDIRECTIONAL EFFECTS WITH MATERNAL EMOTION CHARACTERISTICS 1:15 PM - 2:45 PM Speaker: JungWon Choi EARLY EXPERIENCES ASSOCIATED WITH DEVELOPMENTAL TRAJECTORIES OF NEURAL REWARD RESPONSIVENESS FROM LATE CHILDHOOD THROUGH ADOLESCENCE 1:15 PM - 2:45 PM Speaker: Kaylin Hill
1:15 PM - 2:45 PM	Symposium 5.2: ADVANCES IN THE ANALYSIS OF OSCILLATORY BRAIN ACTIVITY Location: St-Antoine, 9th Floor Chair: Henrico Stam EVOKED, INDUCED, CONFUSED? CHARACTERIZING OSCILLATORY PHENOMENA IN NEURAL TIME SERIES 1:15 PM - 2:45 PM Speaker: Andreas Keil APERIODIC MODELING FOR ANALYSES OF EVENT-RELATED OSCILLATIONS 1:15 PM - 2:45 PM Speaker: Dillan Cellier USING MORLET WAVELETS TO MEASURE BRAIN ACTIVITY IN CONCERT WITH TRADITIONAL ERP APPROACHES MAY BETTER ELUCIDATE THE MATURATION OF BRAIN PROCESSING 1:15 PM - 2:45 PM Speaker: Patricia Davies ALTERED THETA AND DELTA DYNAMICS DURING PERFORMANCE MONITORING IN OCD PATIENTS: TASK FOCUS PLAYS AN IMPORTANT ROLE 1:15 PM - 2:45 PM Speaker: Alexander Dolge TIME-FREQUENCY ANALYSIS: COMPARATIVE EXPLORATION OF METHODS IN ERROR MONITORING 1:15 PM - 2:45 PM Speaker: Henrico Stam

1:15 PM - 2:45 PM

Symposium 5.3: THE DYNAMICS OF THREAT AND SAFETY LEARNING: INFLUENCES OF INDIVIDUAL DIFFERENCES AND CONTEXTUAL FACTORS

Location: Ville Marie, 9th Floor
Chair: Yannik Stegmann

DISENTANGLING SAFETY: A SUMMATION TEST BETWEEN ABSENCE AND TERMINATION OF THREAT

1:15 PM - 2:45 PM
Speaker: Marta Andreatta

ELECTROCORTICAL CORRELATES OF MEMORY AND ATTENTION DURING THE ANTICIPATION OF AVOIDABLE AND INEVITABLE THREATS

1:15 PM - 2:45 PM
Speaker: Yannik Stegmann

ROBUST SINGLE-TRIAL ESTIMATES OF GENERALIZED AVERSIVE CONDITIONING: AN ANALYSIS OF SIMULTANEOUSLY RECORDED EEG AND FMRI

1:15 PM - 2:45 PM
Speaker: Andrew Farkas

MALADAPTIVE THREAT AND SAFETY LEARNING IN TINNITUS: NEURAL MECHANISMS OF AVERSIVE GENERALIZATION AND THREAT REGULATION

1:15 PM - 2:45 PM
Speaker: Riccardo Bianco

1:15 PM - 2:45 PM

Symposium 5.4: BIG IDEA - PRECISION PSYCHOPHYSIOLOGY AND MULTIMODAL BIOMARKERS

Location: Montreal ABC, 11th Floor
Chair: Annmarie MacNamara

TOWARD BUILDING PRECISION NEUROIMAGING BIOMARKERS FOR COGNITIVE FUNCTIONING VIA MULTIMODAL FUSION

1:15 PM - 2:45 PM
Speaker: Narun Pat

EMOTIONAL INFLEXIBILITY AND REACTIVITY AS RISK FACTORS FOR FEAR-RELATED SYMPTOMATOLOGY: A COMBINED EMA AND FMRI STUDY

1:15 PM - 2:45 PM
Speaker: Ha Jeong Park

PREDICTING MOMENTARY SUICIDALITY IN AUTISTIC ADULTS WITH EXPERIENTIAL, BEHAVIORAL, PSYCHOPHYSIOLOGICAL AND CONTEXTUAL METRICS

1:15 PM - 2:45 PM
Speaker: Lauren Bylsma

2:15 PM - 3:15 PM

Student Coffee Hour

Location: Fortifications, 9th Floor

2:45 PM - 3:15 PM

Refreshment Break

Location: Grande Place, 8th Floor

3:15 PM - 4:45 PM

Early Career Award Talks

Location: Montreal ABC, 11th Floor
Speakers: Simone Battaglia, Julia Klawohn, Daniel Bradford

5:00 PM - 6:30 PM

5TH ANNUAL PRESIDENT’S SYMPOSIUM ON DIVERSITY, EQUITY, AND REPRESENTATION

Location: Montreal ABC, 11th Floor
Chair: Christine Larson

“WE CONTROLLED FOR RACE AND ETHNICITY...” CHALLENGING AND UNPACKING CONVENTIONS ON THE USE AND COMMUNICATION OF RACE AND ETHNICITY IN PSYCHOPHYSIOLOGICAL RESEARCH

5:00 PM - 6:30 PM
Speaker: Carlos Cardenas-Iniguez

COLLECTING EEG AND fNIRS DATA IN INDIVIDUALS WITH MELANATED SKIN AND COARSE AND CURLY HAIR

5:00 PM - 6:30 PM
Speaker: Keanan Joyner

NEUROPHYSIOLOGICAL EMBEDDING OF RACIALIZED INEQUITIES

5:00 PM - 6:30 PM
Speaker: Nataniel G. Harnett

6:30 PM - 8:30 PM

Poster Session III

Location: Grande Place, 8th Floor

POS001-3: GREATER AMYGDALA REPRESENTATIONAL PATTERN SIMILARITY BETWEEN NEUTRAL FACES THAT FOLLOW NEGATIVE IMAGES PREDICTS WORSE CORRUGATOR FACIAL EMG MEASURES OF RECOVERY FROM NEGATIVE IMAGES

6:30 PM - 8:30 PM
Speaker: Stacey Schaefer

POS002-3: NOT JUST ANYONE: THE RELATIONSHIP BETWEEN LIVING SITUATION

AND COGNITIVE AGEING IS MEDIATED BY SYSTOLIC BLOOD PRESSURE AND DEPRESSION.

6:30 PM - 8:30 PM
Speaker: Chin Hong Tan

POS003-3: ISOMETRIC PELVIC MUSCLE CONTRACTION ENHANCES HEART RATE VARIABILITY IN PHASE-DEPENDENT FASHION DURING 0.1 HZ BREATHING.

6:30 PM - 8:30 PM
Speaker: Josef Tatschl

POS004-3: BLINKING BEHAVIOUR AND MORPHOLOGY IN OLDER ADULTS WITH NORMAL COGNITION AND MILD COGNITIVE IMPAIRMENT

6:30 PM - 8:30 PM
Speaker: Shao-Yang Tsai

POS005-3: DEVELOPMENTAL TRAJECTORIES OF APERIODIC NEURAL ACTIVITY ACROSS MIDDLE CHILDHOOD

6:30 PM - 8:30 PM
Speaker: Kylee Witmer

POS006-3: WHY ARE YOU SLOWING DOWN? RELATIONSHIPS BETWEEN PERFORMANCE MONITORING EVENT-RELATED POTENTIALS AND DRIFT-DIFFUSION MODEL PARAMETERS

6:30 PM - 8:30 PM
Speaker: Bohyun Park

POS007-3: FEAR GENERALIZATION TO FACES: THE INTERPLAY OF BOLD ACTIVITY, ATTENTION, AND FEAR RATINGS

6:30 PM - 8:30 PM
Speaker: Mario Reutter

POS008-3: CHARACTERIZING THE APERIODIC ACTIVITY IN PARKINSON'S DISEASE SUBJECTS WITH AND WITHOUT FREEZING OF GAIT

6:30 PM - 8:30 PM
Speaker: Dylan Gilbreath

POS009-3: NEURAL DYNAMICS OF WORRY: EXAMINING LATE POSITIVE POTENTIAL SLOPE CHANGES IN THREAT PROCESSING

6:30 PM - 8:30 PM
Speaker: Ebony Walker

POS010-3: LONG-LATENCY EFFECTS OF VOLUNTARY AND INVOLUNTARY ATTENTION: AN ERP ANALYSIS

6:30 PM - 8:30 PM
Speaker: Natalia Yevpak

POS011-3: ALPHA POWER INCREASES WITHOUT NEUROFEEDBACK: A DOUBLE-BLIND SHAM-CONTROLLED STUDY

6:30 PM - 8:30 PM
Speaker: Jacob Maaz

POS012-3: FLANKER-TASK VARIABILITY AND SYMPTOM DIMENSIONS IN PREDICTING ERN AND PE: A MULTILEVEL MODELING APPROACH

6:30 PM - 8:30 PM
Speaker: Ryan Vane

POS013-3: GUESSING VERSUS PERFORMANCE: COMPARING THE REWARD POSITIVITY ACROSS THE DOORS AND STOPWATCH TASKS

6:30 PM - 8:30 PM
Speaker: Eric Rodell

POS014-3: PUPIL SIZE DYNAMICS DURING A CATEGORY LEARNING TASK

6:30 PM - 8:30 PM
Speaker: Daniel Rojas-Libano

POS015-3: NEUROPHYSIOLOGICAL SIGNATURES OF RESPONSE BIAS AND EVIDENCE ACCUMULATION IN THE PROBABILISTIC REWARD TASK

6:30 PM - 8:30 PM
Speaker: Molly Sapperstein

POS016-3: UNDERSTANDING RAPID AFFECTIVE RESPONSES TO RISKY CHOICE OUTCOMES USING PSYCHOPHYSIOLOGY AND REAL-WORLD RISK-TAKING MEASURES

6:30 PM - 8:30 PM
Speaker: Maren Sundermeier

POS017-3: ADAPTIVE CALIBRATION IN EARLY REGULATORY DEVELOPMENT: INTERACTIONS BETWEEN RSA, EMOTION REGULATION, AND PARENTING IN THE CONTEXT OF EF DEVELOPMENT

6:30 PM - 8:30 PM
Speaker: Alexa Nordine

POS018-3: NEIGHBORHOOD OPPORTUNITY DISPARITIES PREDICT BRAIN FUNCTION IN YOUNG CHILDREN

6:30 PM - 8:30 PM
Speaker: Alice Onyango-Opiyo

POS019-3: PERSON-CENTERED PROFILES OF MATERNAL PSYCHOPATHOLOGY SYMPTOMS AND CHILDHOOD MALTREATMENT PREDICT MOTHERS' DIFFERENTIAL STRESS PHYSIOLOGY IN RESPONSE TO CHILDREN

6:30 PM - 8:30 PM
Speaker: Sohee Park

POS020-3: DIFFERENTIAL CONTRIBUTION OF GABA/GLUTAMATE IN NEURAL RESTING STATE ACTIVITY IN TYPICALLY DEVELOPING AND AUTISTIC CHILDREN

6:30 PM - 8:30 PM
Speaker: Mia Pearce

POS021-3: THE INFLUENCE OF PUPIL-LINKED AROUSAL ON DYNAMIC BELIEF UPDATING IN ADOLESCENTS AND YOUNG ADULTS

6:30 PM - 8:30 PM
Speaker: Alena Russmann

POS022-3: NEUROCOGNITIVE RESPONSES TO AEROBIC EXERCISE AROUND THE VENTILATORY THRESHOLD: AN ERP INVESTIGATION.

6:30 PM - 8:30 PM
Speaker: Melissa Materia

POS023-3: AGE-RELATED IMPROVEMENTS IN RESPONSE LATENCY DURING ADOLESCENCE FULLY MEDIATED BY MORE EFFICIENT PREMOTOR SELECTION, NOT MOTOR SPEED

6:30 PM - 8:30 PM
Speaker: Will Slawson

POS024-3: THE ERROR RELATED NEGATIVITY IN CHILDREN WITH READING DIFFICULTIES

6:30 PM - 8:30 PM
Speaker: Linda Sun

POS025-3: COMPARING ANALYTIC APPROACHES TO MOTHER-INFANT CORTISOL ATTUNEMENT: MIXED-EFFECTS VS. RANDOM-INTERCEPT CROSS-LAGGED MODELS

6:30 PM - 8:30 PM
Speaker: Kento Suzuki

POS026-3: THE EFFECT OF EFFORT EXPENDITURE ON THE NEUROPHYSIOLOGICAL INDICES OF REWARD PROCESSING IN EARLY ADOLESCENCE

6:30 PM - 8:30 PM
Speaker: Jaron Xe Yung Tan

POS027-3: CLEARED BUT NOT RECOVERED: PERSISTENT STARTLE REACTIVITY CHANGES AFTER CONCUSSION IN ADOLESCENT ATHLETES

6:30 PM - 8:30 PM
Speaker: Freya Whittaker

POS028-3: AUTONOMIC DIFFERENTIATION OF DISGUST SUBTYPES USING CLUSTER ANALYSIS

6:30 PM - 8:30 PM
Speaker: Jared McGinley

POS029-3: THE VIRTUAL PARTY TASK: AN UPDATED APPROACH TO MEASURE NEURAL RESPONSES TO POSITIVE AND NEGATIVE PEER FEEDBACK IN YOUTH

6:30 PM - 8:30 PM
Speaker: Angela Qian

POS030-3: THE ROLE OF EMOTION REGULATION IN PHYSIOLOGICAL EXPERIENCE OF LIFE REGRET: A PILOT STUDY

6:30 PM - 8:30 PM
Speaker: Jocelyn Rutledge

POS031-3: THE COGNITION OF EMOTION: HOW COGNITIVE CONTROL AND WORKING MEMORY UNDERLY EMOTION REGULATION STRATEGY DIFFERENCES

6:30 PM - 8:30 PM
Speaker: Nathan Chabin

POS032-3: BRIDGING VISION AND EMBODIMENT: HOW DUAL SYSTEMS SUPPORT FACIAL EMOTION RECOGNITION

6:30 PM - 8:30 PM
Speaker: Arianna Schiano Lomoriello

POS033-3: EFFECTS OF ELECTROMAGNETIC SHIELDING IN ELECTRIC CARS ON BRAIN ACTIVITY, HEART RATE VARIABILITY, AND ELECTROMYOGRAPHIC ACTIVITY

6:30 PM - 8:30 PM
Speaker: Diana Henz

POS034-3: ADOLESCENTS' THETA OSCILLATIONS TO SELF-RELEVANT FEEDBACK FROM FRIENDS AND INTERNALIZING SYMPTOMS

6:30 PM - 8:30 PM
Speaker: Taesun Kim

POS035-3: WHAT DRIVES THE MITIGATING EFFECT OF UNPAIRED UNCONDITIONAL STIMULUS PRESENTATIONS ON THE RETURN OF HUMAN CONDITIONAL FEAR?

6:30 PM - 8:30 PM
Speaker: Ottmar Lipp

POS036-3: THE EFFECT OF EXTINCTION TRAINING WITH UNPAIRED US AND US ONLY PRESENTATIONS ON THE CONTEXTUAL RENEWAL OF HUMAN FEAR CONDITIONING

6:30 PM - 8:30 PM
Speaker: Yi Wang

POS037-3: AN OSCILLATORY HIERARCHY ACROSS THE BRAIN AND BODY

6:30 PM - 8:30 PM
Speaker: Kaia Sargent

POS038-3: THE OPTOKINETIC STIMULATION INFLUENCE ON POSTURAL STABILITY: FNIRS STUDY

6:30 PM - 8:30 PM
Speaker: Ekaterina Turgeneva

POS039-3: GRADUAL REDUCTION OF THE INTENSITY OF UNCONDITIONAL STIMULUS ATTENUATES THE REINSTATEMENT OF FEAR: A MULTIMETHOD STUDY OF HUMAN FEAR CONDITIONING

6:30 PM - 8:30 PM

Speaker: Yuhan Cheng

POS040-3: CONTEXTUALIZING THE VAGAL TANK THEORY: PHASIC MEASURES AS MODERATED PREDICTORS

6:30 PM - 8:30 PM

Speaker: Samantha De Leon Sautu

POS041-3: TEST-RETEST RELIABILITY OF ELECTROPHYSIOLOGICAL CORRELATES OF MOTIVATED AND VOLUNTARY ATTENTION: GROUP- AND CASE-BY-CASE ANALYSES

6:30 PM - 8:30 PM

Speaker: Harald Schupp

POS042-3: EEG CORRELATES OF MOTIVATION AND COGNITIVE CONTROL IN ACADEMIC ENGAGEMENT OF STUDENTS

6:30 PM - 8:30 PM

Speaker: Lusine Stepanyan

POS043-3: UNMOTIVATED FOR REWARD: DOES ANGER BLUNT CHANGES IN REWARD RESPONSIVENESS?

6:30 PM - 8:30 PM

Speaker: Anthony Vivino

POS044-3: INTRACRANIAL EVIDENCE FOR ATTENTION-INDEPENDENT VERBAL EMOTION PROCESSING IN THE AMYGDALA

6:30 PM - 8:30 PM

Speaker: Enya Weidner

POS045-3: NEURAL INDICES OF COGNITIVE FATIGUE DURING ONGOING PROCESSING SPEED TASK PERFORMANCE IN PEOPLE WITH MULTIPLE SCLEROSIS

6:30 PM - 8:30 PM

Speaker: Marissa Tripoli

POS046-3: PHARMACOLOGICAL CLUSTERING REVEALS BLOOD PRESSURE RESPONSES TO INTOXICATION ARE INFLUENCED BY SPEED OF ALCOHOL METABOLISM

6:30 PM - 8:30 PM

Speaker: Neel Muzumdar

POS047-3: CAUGHT IN THE LIKES: SOCIAL MEDIA SHAPES NEURAL RESPONSES TO EMOTIONAL CONTENT AND INHIBITORY CONTROL

6:30 PM - 8:30 PM

Speaker: Siya Bhola

POS048-3: FEASIBILITY OF A TACTILE P3-BASED BRAIN-COMPUTER INTERFACE FOR PEOPLE IN THE LOCKED-IN STATE DUE TO AMYOTROPHIC LATERAL SCLEROSIS: A LONG-TERM SINGLE CASE STUDY IN A PATIENT'S HOME

6:30 PM - 8:30 PM

Speaker: Philipp Ziebell

POS049-3: ALTERED PAIN PROCESSING FOLLOWING ANALGESIC SUGGESTIONS IS CHARACTERIZED BY SHARED NEURAL FLUCTUATIONS

6:30 PM - 8:30 PM

Speaker: Dylan Sutterlin

POS050-3: ERPS TO FACIAL EXPRESSIONS OF PAIN ARE MODULATED DIFFERENTLY BY DIFFERENT EMPATHY TASKS: EVIDENCE FROM MASS UNIVARIATE STATISTICS

6:30 PM - 8:30 PM

Speaker: Seth Winward

POS051-3: CAN PHYSICAL FITNESS SHIELD YOUR CARDIAC VAGAL TONE FROM LIFETIME AIR POLLUTION EXPOSURE? INSIGHTS FROM THE CZECH 4HAIE STUDY

6:30 PM - 8:30 PM

Speaker: Vera Jandackova

POS052-3: DOES PSYCHOPATHIC MEANNESS MODULATE THE N170 TO FACIAL EXPRESSIONS?

6:30 PM - 8:30 PM

Speaker: Lily Laevens

POS053-3: IMPULSIVITY MODERATES MOTOR AND NEURAL APPROACH RESPONSES TO APPETITIVE STIMULI IN THE MOBILE APPROACH-AVOIDANCE TASK

6:30 PM - 8:30 PM

Speaker: Timothy McCoy

POS054-3: EXPLORING SENSORY SENSITIVITY THROUGH PUPILLOMETRY: EVIDENCE FROM BASIC VISUAL STIMULI

6:30 PM - 8:30 PM

Speaker: Beata Pacula-Lesniak

POS055-3: AN ASSOCIATION BETWEEN FRONTAL MIDLINE THETA OSCILLATIONS AND REWARD SENSITIVITY AS INDEXED BY SPSRQ BUT NOT TRAIT BAS

6:30 PM - 8:30 PM

Speaker: Becca Roy

POS056-3: ETHNIC IDENTIFICATION AND STRESS: EXAMINING HPA AND SAM AXIS REACTIVITY IN RESPONSE TO A DISCRIMINATION RELATED LABORATORY STRESSOR

6:30 PM - 8:30 PM

Speaker: Muntaha Panhwar

POS057-3: IMPACT OF HEART RATE VARIABILITY BIOFEEDBACK ON EXECUTIVE FUNCTION IN OLDER ADULTS

6:30 PM - 8:30 PM

Speaker: Anna Wheeler

POS058-3: REAL-WORLD CLASSIFICATION OF STUDENT STRESS AND FATIGUE USING WEARABLE PPG RECORDINGS

6:30 PM - 8:30 PM

Speaker: Justin Laiti

POS059-3: EXAMINING THE ROLE OF NEGATIVE AFFECT IN ELICITING CONFLICT-MONITORING ERPS DURING A FLANKER-IAPS TASK

6:30 PM - 8:30 PM

Speaker: Amanda Holbrook

POS060-3: WHITE MATTER MICROSTRUCTURE AND COGNITIVE RECOVERY FOLLOWING COGNITIVE TRAINING IN FIRST-EPISODE SCHIZOPHRENIA

6:30 PM - 8:30 PM

Speaker: Victoria Rosen

POS061-3: THE ROLE OF DEVELOPMENTAL PERIODS DURING THE FIRST EXPOSURE TO INTERPERSONAL TRAUMA ON FEAR REGULATION IN ADULT WOMEN

6:30 PM - 8:30 PM

Speaker: Emilie Rudd

POS062-3: IMPACT OF EFFORT AND EXPECTANCY ON REWARD-RELATED NEURAL ACTIVITY AND ANHEDONIA: EVIDENCE FROM A NOVEL EFFORT & EXPECTANCY PARADIGM (EEP)

6:30 PM - 8:30 PM

Speaker: Nick Santopetro

POS063-3: NEUROPHYSIOLOGICAL AFFECTIVE REACTIVITY CLASSIFICATION AND ITS STABILITY IN INDIVIDUALS WITH CANNABIS USE DISORDER

6:30 PM - 8:30 PM

Speaker: Brandon Schermitzler

POS064-3: NEURAL NETWORK DYNAMICS IN TRANSDIAGNOSTIC REPETITIVE NEGATIVE THINKING

6:30 PM - 8:30 PM

Speaker: Martino Schettino

POS065-3: MEMORY DILATION; USING PUPILLOMETRY TO STUDY THE IMPACT OF DEPRESSION AND EMOTION ON MEMORY ENCODING

6:30 PM - 8:30 PM

Speaker: Nicola Sharp

POS066-3: DISTINGUISHING NEURAL CORRELATES OF INTOLERANCE OF UNCERTAINTY AND ANXIETY

6:30 PM - 8:30 PM

Speaker: Danylo Shudrenko

POS067-3: TRAIT NEGATIVE AFFECT DIFFERENTIALLY PREDICTS CUE-P3 RESPONSES TO EFFORT DEMANDS

6:30 PM - 8:30 PM

Speaker: John Shuford

POS068-3: GAD SYMPTOMS AND THE TEMPORAL DYNAMICS OF ATTENTION TO THREAT

6:30 PM - 8:30 PM

Speaker: Ben Swanson

POS069-3: GASTRIC MYOELECTRICAL ASSOCIATIONS WITH AUTONOMIC AND CENTRAL NERVOUS SYSTEM ACTIVITY DURING STATE NEGATIVE EMOTIONALITY AND PERSEVERATIVE NEGATIVE THINKING: A TWO-STUDY INVESTIGATION

6:30 PM - 8:30 PM

Speaker: Abigail Szkutak

POS070-3: SAVORING REDUCES THE ELECTROCORTICAL PROCESSING OF SUBSEQUENTLY PRESENTED NEGATIVE PICTURES, BUT WORRY ATTENUATES THIS EFFECT

6:30 PM - 8:30 PM

Speaker: Mia Utayde

POS071-3: INDIVIDUAL DIFFERENCES IN THE IMPACT OF ROMANTIC EVALUATIONS: EVIDENCE FROM EVENT-RELATED BRAIN POTENTIALS, HEART RATE AND SUBJECTIVE EXPERIENCE.

6:30 PM - 8:30 PM

Speaker: Frederik van der Veen

POS072-3: ACADEMIC STRESS MODERATES THE RELATIONSHIP BETWEEN A BLUNTED ERROR-RELATED NEGATIVITY AND INCREASES IN ALCOHOL CONSUMPTION ACROSS THE FIRST YEAR OF UNIVERSITY

6:30 PM - 8:30 PM

Speaker: Anna Walls

POS073-3: DISSECTING ANXIETY: EVIDENCE FOR A DISTINCT FREEZING-RELATED DIMENSION

6:30 PM - 8:30 PM

Speaker: Haley West

POS074-3: TRUSTING HEARTS: INDIVIDUAL HEART RATE VARIABILITY AND DYADIC COUPLING IN A TRUST GAME

6:30 PM - 8:30 PM

Speaker: Stella Wienhold

POS075-3: EXPLORING ABNORMAL NEURAL SENSITIVITY TO REWARDS IN FMR1 PREMUTATION CARRIERS ACROSS MULTIPLE TASKS

6:30 PM - 8:30 PM

Speaker: Kamryn Witkowiak

POS076-3: “RESTING” BRAIN AND DYNAMIC THOUGHTS: A RESTING-STATE EEG STUDY

6:30 PM - 8:30 PM

Speaker: Sarah Woronko

POS077-3: EVIDENCE OF ALTERED INTER-NETWORK CONNECTIVITY IN FIRST-EPIISODE SCHIZOPHRENIA AND ITS ASSOCIATION WITH COGNITIVE PERFORMANCE

6:30 PM - 8:30 PM

Speaker: Alexis Worthley

POS078-3: REDUCED PREFRONTAL DELTA OSCILLATIONS UNDERLIE IMPAIRED APPROACH BEHAVIOR IN SOCIAL ANXIETY DISORDER

6:30 PM - 8:30 PM

Speaker: Zhaohan Wu

POS079-3: MODULATION OF THE LATE POSITIVE POTENTIAL BY PERSONAL PREFERENCES FOR PLEASANT EXPERIENCES: AN EXAMINATION OF EFFECTS OF DEPRESSIVE SYMPTOMS AND BRIEF INTERVENTION

6:30 PM - 8:30 PM

Speaker: Yao Di

POS080-3: ETHNIC IDENTIFICATION AMONG AMERICAN INDIANS AND ALASKA NATIVES AS A BUFFER AGAINST THE STRESS OF DISCRIMINATION

6:30 PM - 8:30 PM

Speaker: Shine Soki

POS081-3: EARLY PERCEPTUAL PROCESSING OF EMOTIONAL FACES IS NOT IMPACTED BY EMOTIONAL PROSODY PRIMES

6:30 PM - 8:30 PM

Speaker: Calla Mueller

POS082-3: INDIVIDUAL DIFFERENCES IN AFFECTIVE AND PHYSIOLOGICAL RESPONSES TO EXPERIENTIAL UNCERTAINTY

6:30 PM - 8:30 PM

Speaker: Tess Reid

POS083-3: INTEROCEPTIVE PHASE COUPLING OF DIVERGENT MOVEMENTS AND STIMULUS ONSET

6:30 PM - 8:30 PM

Speaker: Hiroshi Shibata

POS084-3: EMOTION CATEGORIZATION IN ALEXITHYMIA: THE ROLE OF PERCEPTUAL AND FUNCTIONAL SIMILARITY

6:30 PM - 8:30 PM

Speaker: Naho Suzuki

POS085-3: TESTING CAUSAL RELATIONS BETWEEN BEHAVIORAL AND PHYSIOLOGICAL DYNAMICS DURING INTERPERSONAL COORDINATION

6:30 PM - 8:30 PM

Speaker: Wenbo Yi

POS086-3: FRONTO-OCCIPITAL COUPLING ON AUDIOVISUAL INTEGRATION INVOLVED IN AUDITORY PERCEPTION

6:30 PM - 8:30 PM

Speaker: Osamu Araki

POS087-3: RESONANCE-PACED BREATHING MODULATES NEUROCARDIAC SIGNALING AND ALCOHOL CUE REACTIVITY

6:30 PM - 8:30 PM

Speaker: Luke Poole

POS088-3: THE RELATIONSHIP BETWEEN WELL-BEING AT SCHOOL AND HAIR CORTISOL CONCENTRATIONS IN YOUTH

6:30 PM - 8:30 PM

Speaker: Roxane Rousseau

POS090-3: THE IMPACT OF MATERNAL TRAUMA ON CHILDREN'S OBSERVATIONAL FEAR LEARNING

6:30 PM - 8:30 PM

Speaker: Christine Truong

POS091-3: PSYCHOLOGICAL COSTS OF DISTRACTION ACROSS SEX: ETHNIC DIFFERENCES BY HRV

6:30 PM - 8:30 PM

Speaker: Darcianne K. Watanabe

POS092-3: SALIENCE AND PROBLEMATIC ALCOHOL INVOLVEMENT: SPECIFYING SEXUAL DIMORPHISM IN COGNITIVE RISK FACTORS

6:30 PM - 8:30 PM

Speaker: Elizabeth Widiger

POS093-3: TIMING MATTERS: THE IMPACTS OF CIRCADIAN RHYTHM ON DARK ENHANCED STARTLE

6:30 PM - 8:30 PM

Speaker: Jackson Marra-Dotts

POS094-3: DOES COGNITIVE TRAINING INFLUENCE NEURAL SPEECH PROCESSING AND HEARING REHABILITATION AFTER COCHLEAR IMPLANT SURGERY?

6:30 PM - 8:30 PM

Speaker: Annika Rackl

POS095-3: REVERSAL LEARNING IN THE PUPIL AND VISUAL BRAIN

6:30 PM - 8:30 PM

Speaker: Jourdan Pouliot

POS096-3: MISMATCHED EXPECTATIONS: THE COMPLEX INTERPLAY BETWEEN SOCIETAL EXPECTATIONS AND FALSE INDIVIDUAL FEEDBACK ON PHYSIOLOGY DURING COMPETITION

6:30 PM - 8:30 PM
Speaker: Karishma Singh

POS097-3: A STOIC TRAINING INTERVENTION’S EFFECT ON PSYCHOPHYSIOLOGY DURING A SOCIAL STRESS TASK

6:30 PM - 8:30 PM
Speaker: Ashylia Sloane

POS098-3: THE AUTONOMIC EFFECTS OF UNILATERAL LEFT-HAND CONTRACTIONS: A HEART RATE VARIABILITY INVESTIGATION

6:30 PM - 8:30 PM
Speaker: Murat Sükuti

POS099-3: THE PSYCHOPHYSIOLOGICAL EFFECTS OF A KOMBUCHA INTERVENTION TO THE MAASTRICHT ACUTE STRESS TEST

6:30 PM - 8:30 PM
Speaker: Alexander Taylor

POS100-3: REDUCED STIMULUS PRECEDING NEGATIVITY DURING PERIODS OF UNCERTAIN ANTICIPATION IS LINKED TO HIGHER LEVELS OF DEPRESSIVE SYMPTOMS

6:30 PM - 8:30 PM
Speaker: Benjamin Troutman

POS101-3: PATTERN OF FUNCTIONAL CONNECTIVITY ASSOCIATED WITH THE SEVERITY OF EMOTIONAL BURNOUT (ANXIETY TENSION STAGE)

6:30 PM - 8:30 PM
Speaker: Sergii Tukaiev

POS102-3: THE ODD ONE OUT – HOW DOES DIFFERENCE OF OPINION MANIFEST ON THE PHYSIOLOGICAL LEVEL?

6:30 PM - 8:30 PM
Speaker: Nina Volkmer

POS103-3: ASSESSING PSYCHOLOGICAL STRESS DURING PHYSIOLOGICAL AND COGNITIVE TASKS USING FNIRS

6:30 PM - 8:30 PM
Speaker: Kailey Wheeler

POS104-3: PHYSIOLOGICAL EVIDENCE FOR IMPLICIT RIGHT-HEMISPHERE DOMINANCE IN CHIMERIC EMOTIONAL FACE PERCEPTION

6:30 PM - 8:30 PM
Speaker: Takahiro Osumi

POS105-3: PUPILLOMETRIC EXAMINATION OF THE ROLE OF ATTENTIONAL RESOURCES IN DISTRACTION BY CHANGING-STATE IRRELEVANT SOUND

6:30 PM - 8:30 PM
Speaker: Francois Vachon

POS106-3: THE INTERPLAY OF SEMANTIC SUBCATEGORY, TIME COURSE, AND ELECTRODE LOCATION ON THE LATE POSITIVE POTENTIAL

6:30 PM - 8:30 PM
Speaker: Abigail Moline

8:30 PM - 9:30 PM

Student Committee Meeting

Location: Fortifications, 9th Floor

Saturday, October 18, 2025

8:00 AM - 3:00 PM

Registration / Check-in

Location: Montreal Foyer, 11th Floor

8:00 AM - 3:00 PM

Private Needs Room

8:00 AM - 8:30 AM

Morning Coffee

Location: Montreal Foyer, 11th Floor

8:00 AM - 3:00 PM

Quiet Room

Location: Le Moyne, 8th Floor

8:00 AM - 3:00 PM

Luggage/Poster Storage Room

Location: Ramezay, 8th Floor

8:45 AM - 10:15 AM

Symposium 6.1: THE TRANSDIAGNOSTIC ROOTS OF INTERNALIZING PSYCHOPATHOLOGY: A RESEARCH DOMAIN CRITERIA (RDOC) PERSPECTIVE

Location: Montreal D, 11th Floor
Chair: Carola Dell'Acqua

REDUCED POSITIVE VALENCE SYSTEMS ACTIVATION IN DEPRESSION RISK: INSIGHTS FROM ERPS

8:45 AM - 10:15 AM
Speaker: Carola Dell'Acqua

USING ERPS TO INVESTIGATE REINFORCEMENT LEARNING IN SOCIAL ANXIETY DISORDER

8:45 AM - 10:15 AM
Speaker: Kreshnik Burani

TEMPORAL DYNAMICS OF EFFORT-BASED REWARD PROCESSING AND THEIR RELATION TO DEPRESSIVE SYMPTOMS IN ADOLESCENCE

8:45 AM - 10:15 AM
Speaker: Christopher Brush

INTERNALIZING SYMPTOM SEVERITY AND FUNCTIONAL IMPAIRMENT: OPPOSING EFFECTS ON NEGATIVE PICTURE PROCESSING

8:45 AM - 10:15 AM
Speaker: Annmarie MacNamara

8:45 AM - 10:15 AM

Symposium 6.2: THE IMPACTS OF SLEEP AND PHYSIOLOGY ON INTERNALIZING SYMPTOMS DURING ADOLESCENCE AND THE PERIPARTUM PERIOD

Location: St-Antoine, 9th Floor
Chair: Emilia Cardenas ; Discussant: Santiago Morales

ASSOCIATIONS BETWEEN NEURAL REWARD RESPONSIVENESS, SLEEP PROBLEMS, AND DEPRESSIVE SYMPTOMS DURING THE PERIPARTUM PERIOD

8:45 AM - 10:15 AM
Speaker: Emilia Cardenas

SLEEP AND WHITE MATTER CONNECTIVITY IN FIRST-TIME FATHERS

8:45 AM - 10:15 AM
Speaker: Sofia Cardenas

RESPIRATORY SINUS ARRHYTHMIA PREDICTS INTERNALIZING PROBLEMS: THE MODERATING ROLE OF ADOLESCENTS' SLEEP

8:45 AM - 10:15 AM
Speaker: Linhao Zhang

8:45 AM - 10:15 AM

Symposium 6.3: PHYSIOLOGICAL SYNCHRONY AND INTIMACY IN CLOSE ROMANTIC RELATIONSHIPS

Location: Montreal ABC, 11th Floor
Chair: Chad Danyluck

INVESTIGATING VARIABILITY IN ROMANTIC PARTNERS' PHYSIOLOGICAL SYNCHRONY DURING DISCUSSIONS ABOUT THEIR FUTURE

8:45 AM - 10:15 AM
Speaker: Claire Shimshock

PHYSIOLOGICAL LINKAGE DURING SUPPORT CONVERSATIONS IN COUPLES

8:45 AM - 10:15 AM
Speaker: Victoria Michalowski

SEXUAL TRAUMA AND PHYSIOLOGICAL SYNCHRONY IN ROMANTIC RELATIONSHIPS

8:45 AM - 10:15 AM
Speaker: Chad Danyluck

8:45 AM - 10:15 AM

Symposium 6.4: CONTRIBUTING TO RIGOR AND REPRODUCIBILITY IN THE PEER REVIEW PROCESS: A WORKSHOP FOR EARLY CAREER REVIEWERS

Location: Ville Marie, 9th Floor
Chair: Andreas Keil

10:15 AM - 10:45 AM

Coffee Break

Location: Grande Place, 8th Floor

10:45 AM - 11:45 AM

Invited Keynote Address - Michelle G. Craske

Location: Montreal ABC, 11th Floor
Speaker: Michelle Craske

12:00 PM - 1:00 PM

Presidential Address - Christine Larson

Location: Montreal ABC, 11th Floor
Speaker: Christine Larson

1:00 PM - 3:00 PM

Awards Luncheon & Business Meeting

Location: Fortifications, 9th Floor

9:00 PM - 11:59 PM

Saturday Night Social (25th anniversary of the SPR Blues Band!)
Location: Montreal ABC, 11th Floor