

**Wednesday, July 4 Afternoon**

15:00-17:10 Women in Cognitive Science Meeting

17:10-19:10 Poster Session 1

**Thursday, July 5 Morning**

9:00-10:20 Hebb Award Address (Mike Masson)

Session Title: Working Memory

Time	Talk Number	Title	First Author
10:50-11:10	101	Ranschburg Effects in Tactile Memory: The Roles of Verbal Re-coding and Participant Awareness	Andrew Johnson
11:10-11:30	102	No flexible re-distribution of visual working memory resources after encoding.	Blaire Dube
11:30-11:50	103	A Daytime Nap Enhances Visual Working Memory Performance and Alters Event-Related Delay Activity	Kevin MacDonald
11:50-12:10	104	Dual-task costs to memory and processing in young adults: An adversarial collaboration	Jason Doherty

Session Title: Social Cognition

Time	Talk Number	Title	First Author
10:50-11:10	105	Shared credit for shared success: Effective interpersonal coordination strengthens joint agency	Janeen Loehr
11:10-11:30	106	A problem shared is not always a problem halved: Joint cognition and random sequence generation	John Towse
11:30-11:50	107	The Role of Cognitive Load in Modulating Social Looking	Laura Bianchi
11:50-12:10	108	Decoding indirect messages from body language in face-to-face communication	Mingyuan Chu

Session Title: Perception

Time	Talk Number	Title	First Author
10:50-11:10	109	Testing the Pacemaker Explanation: A Multipronged Behavioural Investigation of the Human Timing System	Emily Williams
11:10-11:30	110	Are same-different task characteristics dependent on stimuli onset type?	Bradley Harding

11:30-11:50	111	Discriminating Different Visual Acceleration Rates: What Determines Thresholds?	Brian Timney
11:50-12:10	112	Contrast negation impairs familiar face recognition and is additive to picture-plane inversion: Implications for utilization of configural and surface properties in recognition of familiar faces	Adam Sandford

## Session Title: Individual Differences

Time	Talk Number	Title	First Author
10:50-11:10	113	Developing a New Measure of Trait Boredom	Dana Gorelik
11:10-11:30	114	Bullshit Makes the Art Grow Profounder: Evidence for False Meaning Transfer Across Domains	Martin Harry Turpin
11:30-11:50	115	Tracking the Subjective Experience of Effort and Discomfort During Working Memory Versus Sustained Attention Processes	Veerpal Bamrah
11:50-12:10	116	Predicting Fallacious Beliefs: Gambling and Paranormal	Carrie A. Leonard

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**Thursday, July 5 Afternoon**

## Session Title: Symposium: Control Processes in Human Memory: The Role of Retrieval Suppression and Retrieval Practice

Time	Talk Number	Title	First Author
14:00-14:20	117	Forgetting as a Consequence of Retrieval Suppression: A Meta-Analytic Review of the Think/No-Think Paradigm	Daniel Todorovic
14:20-14:40	118	Suppression is in the Eye of the Beholder: Pupillometric Markers of Successful and Unsuccessful Retrieval Suppression	Jonathan Fawcett
14:40-15:00	119	Tracking Memory Intrusions with EEG	Robin Hellerstedt
15:00-15:20	120	Retrieval-induced forgetting and second language vocabulary acquisition: Insights from a Welsh language training study	Lyam Bailey
15:20-15:40	121	Retrieval-induced forgetting has low test-retest reliability: Implications for individual differences research	Ben Levy

## Session Title: Symposium: Accessing the Meanings of Words: Perspectives on Lexical Ambiguity

Time	Talk Number	Title	First Author
14:00-14:20	122	How do listeners know what words mean? Insights from lexical ambiguity	Jennifer Rodd
14:20-14:40	123	Ambiguity effects diverge for concrete and abstract words: Insights from the Calgary Semantic Decision Project	Penny Pexman
14:40-15:00	124	Overnight retuning of meanings for lexically ambiguous words	M. Gareth Gaskell
15:00-15:20	125	The effects of bilingualism and cognitive impairment on processing of lexical ambiguity	Vanessa Taler
15:20-15:40	126	How are ambiguous word meanings learned, represented, and processed? Insights from computational modeling	Blair Armstrong

## Session Title: Attention I

Time	Talk Number	Title	First Author
14:00-14:20	127	A failure to suppress visual imagery in visual search	Brett A. Cochrane
14:20-14:40	128	Cerebellar damage impairs spatial and non-spatial visual attention.	Christopher Striemer
14:40-15:00	129	Exogenous but not Endogenous Attention Depends on Saccade Programming	Daniel Smith
15:00-15:20	130	Controlling capture: No role for activated visual long-term memory	Lindsay Plater
15:20-15:40	131	Out of Control? A Speed-Accuracy Tradeoff Investigation of Stroop Conflict in Mostly Incongruent Lists	Jason Ivanoff

## Session Title: Methods and Models

Time	Talk Number	Title	First Author
14:00-14:20	132	Confidence intervals of p values and p factor	Denis Cousineau
14:20-14:40	133	Meaning in motion: How to make semantic representations dynamic	Doug Mewhort
14:40-15:00	134	Accumulators models fits on Same-Different data	Marc-André Goulet
15:00-15:20	135	The Relative Advantage of "Data-Peeking" in the Context of Publication Bias	Mark Brown
15:20-15:40	136	Behavioural phenotyping of transgenic mice	Richard Brown

16:10-17:10 BBCS Early Career Award Address (Nathan Spreng)

17:10-19:10 Poster Session 2

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**Friday, July 6 Morning**

Session Title: Symposium: Experimental Evidence of the Interdependence between cognition and the social environment

Time	Talk Number	Title	First Author
8:20-8:40	201	Natural Language Analysis of Information Seeking and Stereotype Content	Susan Fiske
8:40-9:00	202	Ignoring older people: own-age biases in social attention	Louise Phillips
9:00-9:20	203	Top-down influences on face perception in an intergroup context	Kerry Kawakami
9:20-9:40	204	Strategic, shared social cognition shapes stereotypes and speech	Hilary Bergsieker
9:40-10:00	205	The development of dehumanization and intergroup bias	Niamh McLoughlin
10:00-10:20	206	How cognitive bias influences the formation and evolution of stereotypes	Douglas Martin

Session Title: Symposium: The Diversity of Bilingual Experience and its Impact on Language Processing, Brain Structure, and General Cognition

Time	Talk Number	Title	First Author
8:40-9:00	207	The impact of individual differences on cross-language activation of meaning by phonology	Debra Jared
9:00-9:20	208	The impact of language proficiency and executive control ability on cross-language semantic priming	Deanna Friesen
9:20-9:40	209	Electrophysiological correlates of auditory discourse processing in bilinguals	Angela Grant
9:40-10:00	210	Early second language exposure has lasting effects on bilinguals' white matter tracts	Marc F. Joanisse
10:00-10:20	211	The impact of current non-L1 usage and L2 age of acquisition on executive control in the Simon task among bilingual adults.	Debra Titone

## Session Title: Mathematical Cognition

Time	Talk Number	Title	First Author
8:40-9:00	212	Knowledge of Math Symbols in Young Adults: Beyond Counting and Ordering	Heather Douglas
9:00-9:20	213	Memory Interference in Simple Addition and Multiplication Across Cultures	Jamie I.D. Campbell
9:20-9:40	214	Do you see what I see: What information do students attend to when solving realistic math word problems?	Cheryll Fitzpatrick
9:40-10:00	215	Longitudinal patterns in individual differences in conceptual and procedural knowledge of fractions	Darcy Hallett
10:00-10:20	216	Errors on fraction problems for different fraction knowledge profiles for university students.	Shawn Tan

## Session Title: Memory I

Time	Talk Number	Title	First Author
8:40-9:00	217	The Enactment Effect: An Integrative Review	Brady Roberts
9:00-9:20	218	Production does not improve picture memory	Landon A. Churchill
9:20-9:40	219	The Effects of Reward on Levels of Memory Representation	Liyana Swirsky
9:40-10:00	220	The benefits (and costs) of drawing in episodic memory	Melissa Meade
10:00-10:20	221	Harry Potter and Me: A Direct Comparison of the Retrieval and Organization of Fictional and Autobiographical Events	Norman Brown

## Session Title: Cognitive Neuroscience

Time	Talk Number	Title	First Author
8:40-9:00	222	Intra and interhemispheric phase synchronization during visuo-spatial attention deployment and retention in visual work memory	Anne Monnier
9:00-9:20	223	Decomposing the stages of cognitive processing: A comparison of stimulus- and response-locked averaging techniques during an effortful visual search task.	Brandi Lee Drisdelle
9:20-9:40	224	Overlap of lexical and sublexical reading with reflexive and voluntary attention: An fMRI investigation	Chelsea Ekstrand
9:40-10:00	225	Visual event related magnetic field in aging	Martine Desjardins

		population with prior mild traumatic brain injury.	
10:00-10:20	226	A common role for episodic memory in remembering the past and solving problems	Signy Sheldon

### Friday, July 6 Morning 2

Session Title: BBCS Executive Symposium: New Directions in Multi-Sensory Integration

Time	Talk Number	Title	First Author
10:50-11:10	S1	Multisensory self-motion perception and aging	Jennifer Campos
11:10-11:30	S2	Multisensory synchrony in perception and action	Vanessa Harrar
11:30-11:50	S3	The benefit of multisensory audio-visual speech cues in first and second language processing	Natalie Phillips
11:50-12:10	S4	Executive Symposium: Multisensory Integration and Perception (Discussant)	Genevieve Desmarais

### Friday, July 6 Afternoon

Session Title: Symposium: Interactions between selective attention and working memory

Time	Talk Number	Title	First Author
14:00-14:20	S5	The Role of Top-Down Attentional Biases in Visual Working Memory Performance	Stephen M. Emrich
14:20-14:40	S6	The role of visual working memory in controlling access to visual long-term memory storage	Keisuke Fukuda
14:40-15:00	S7	Templates for attentional selection in working memory	Martin Eimer
15:00-15:20	S8	Dynamics of attentional control during visual-spatial selection of foveal and peripheral targets: ERPs and phase synchrony.	Pierre Jolicoeur
15:20-15:40	S9	Attending to visual-spatial memoranda: Evidence from eye movements	Candice Morey
15:40-16:00	S10	The attentive brain: Insights from developmental cognitive neuroscience	Jacalyn Guy

16:30-17:30 NSERC Meeting

17:10-19:10 Poster Session 3

**Saturday, July 7 Morning**

Session Title: Symposium: Causes and Consequences of Analytic Thinking: Individual Differences in Abilities and Propensities

Time	Talk Number	Title	First Author
8:40-9:00	301	Cognitive capacity and problem complexity: What are the boundary conditions for "logical intuitions?"	Valerie A. Thompson
9:00-9:20	302	Contributions of working memory and strategy choice to belief bias	Pier-Luc de Chantal
9:20-9:40	303	Finding meaning in the clouds: Illusory pattern perception predicts bullshit receptivity	Alexander Walker
9:40-10:00	304	Susceptibility to partisan fake news is explained by a lack of deliberation, not willful ignorance	Gordon Pennycook

Session Title: Symposium: On the Control of Visual Attention

Time	Talk Number	Title	First Author
8:40-9:00	305	Using temporal order judgments and colour perception to dissociate inhibitory cueing effects	Ralph S. Redden
9:00-9:20	306	Are faces subject to IOR? Evidence from dynamic displays	Robert Swalwell
9:20-9:40	307	Drift diffusion models in speed-accuracy trade-off space	Joe MacInnes
9:40-10:00	308	No single electrophysiological marker for facilitation and inhibition of return	Ana B. Chica
10:00-10:20	309	Variations in strategies during search	Amelia Hunt

Session Title: Memory II

Time	Talk Number	Title	First Author
8:40-9:00	310	Increasing word distinctiveness eliminates the picture superiority effect in recognition: Evidence for the physical distinctiveness account	Tyler M. Ensor
9:00-9:20	311	No matter the place, I'd recognize that face	Christopher Lee
9:20-9:40	312	Human memory for the immediate past is temporally distorted	Priya Varma
9:40-10:00	313	Processing Fluency: An Encoding Heuristic	Tamara Rosner
10:00-10:20	314	Stimulus repetition and spacing: A transient encoding decrement in recognition memory	Robert Collins

## Session Title: Cognition in the Real World

Time	Talk Number	Title	First Author
8:40-9:00	315	How the Internet is Making Us Impatient: The Impact of Wait Times & Individual Differences on Information Search Behaviours	Alyssa Smith
9:00-9:20	316	Flow, arousal, and urge-to-play in Candy Crush	Chanel Larche
9:20-9:40	317	Predictors of Mind-Wandering While Driving: Task Length, Fatigue, and Individual Attentional Differences	Heather Walker
9:40-10:00	318	Deep Effortless Concentration in the Lecture Hall	Jeremy Marty-Dugas
10:00-10:20	319	Using a classroom-based Mindfulness intervention to ameliorate math anxiety	Nadine Yildiz

10:50-12:10 EPS President: Cognitive gadgets: The cultural evolution of thinking (Celia Heyes)

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### Saturday, July 7 Afternoon 1

Session Title: Symposium: Causes and Consequences of Analytic Thinking: Strategic Differences in Reasoning

Time	Talk Number	Title	First Author
14:00-14:20	320	Fast reasoning and the dual strategy model	Henry Markovits
14:20-14:40	321	Thinking in a foreign language distorts reasoning	Michal Bialek
14:40-15:00	322	Base-rate neglect is a function of conflict resolution strategy	Ian R. Newman
15:00-15:20	323	Dual strategy model and reasoning with familiar premises	Janie Brisson

Session Title: Language

Time	Talk Number	Title	First Author
14:00-14:20	324	Dialectal Influences on Understanding Speech-In-Noise	Laura Howell
14:20-14:40	325	Evidence for Idiom Processing Advantage of L1 Idioms in an L2	Tianshu Zhu
14:40-15:00	326	A computational approach for discourse analysis	Harinder Aujla
15:00-15:20	327	An Instance Theory of Semantics	Randall Jamieson



## Session Title: Learning

Time	Talk Number	Title	First Author
14:00-14:20	328	Updating humans' headings and positions using landmarks and path integration	Weimin Mou
14:20-14:40	329	Somatosensory Functional Plasticity Supports Observational Motor Learning	Heather McGregor
14:40-15:00	330	Interactions between the elements of an outcome during causal and diagnostic learning	Martyn Quigley
15:00-15:20	331	When contingency learning is difficult	Colin M. MacLeod

## Session Title: Metacognition

Time	Talk Number	Title	First Author
14:00-14:20	332	Can unconscious intentions be more effective than conscious intentions? Test of the role of metacognition in hypnotic response	Bence Palfi
14:20-14:40	333	What does an expert know that I don't? Undermining an illusion of knowledge increases the influence of experts.	Ethan Meyers
14:40-15:00	334	Examining Metacognitive Behaviors During an Associative Recognition Memory Task	Mario Doyle
15:00-15:20	335	Isolating the Contribution of Perceptual Fluency in Judgments of Learning (JOL)	Chris Fiacconi

**Saturday, July 7 Afternoon 2**

## Session Title: Decision Making

Time	Talk Number	Title	First Author
15:50-16:10	336	Do Slow Responses Feel less Right? Investigation Using the Dual-Response Paradigm	Kaiden Stewart
16:10-16:30	337	Does adding a wildcard to lineups reduce correct identifications?	Ryan Fitzgerald
16:30-16:50	338	Limited transfer of insight across parallel decision dilemmas	Amelia Hunt

## Session Title: Music

Time	Talk Number	Title	First Author
15:50-16:10	339	Behavioral and neural measures of temporal coordination between performing musicians	Anna Zamm
16:10-16:30	340	Event-related desynchronization of the mu	Frank Russo

		rhythm in experts and non-experts during audio, visual, and audio-visual perception of percussion music	
16:30-16:50	341	Musical Expertise and Spontaneous Production Rates Influence Synchronization Accuracy Across Rates	Rebecca Scheurich

## Session Title: Attention II

Time	Talk Number	Title	First Author
15:50-16:10	332	Media-multitasking ability and executive functioning in young adults	Alexandra Seddon
16:10-16:30	333	Investigating different alerting types and their impact on human performance	Colin R. McCormick
16:30-16:50	334	Just in time: When seeing and doing collide	James Enns

## Session Title: Cognitive Development

Time	Talk Number	Title	First Author
15:50-16:10	342	Learning new words from explicit and implicit exposures in children who speak English as an additional language.	Emily Oxley
16:10-16:30	343	Learning about tools: children's social learning preferences	Erika Nurmsoo
16:30-16:50	344	Comparing lineup procedures to facilitate children's accuracy in face recognition	Laura Melnyk Gribble

16:50-17:50 BBCS Business Meeting and Hebb Student Award Presentation