

NICOL BUILDING 3RD & 4TH FLOORS		2025 CARLETON UNIVERSITY COGNITIVE SCIENCE STUDENT CONFERENCE SCHEDULE		APRIL 10, 2025				
10:45 - 11:00		NI 4010		Early Registration				
11:00-11:45		NI 4020		WiCSC+ Trainee Presents Optional pre-conference workshop				
11:15		NI 4010		Registration Begins				
11:45		Conference Opens						
11:50		NI 4010		Welcome Address & Program Run Down				
12:00-13:30		NI 4010		Lightning Talks and Talks		NI 4020		
12:00-12:15		Mapping the Mind with Light: Can fNIRS Support Functional Localization? Akshaya Kirithy Baskar			12:00-12:15		Psychopathology Reflected in Language Use: Schizotypy Across Language Background Profiles and Linguistic Domains Arthur Hamilton	
12:15-12:30		Does one-size fit all? A Profile Analysis Ayushi Chitranshi			12:15-12:30		Distinguishing Effect from Scan Quality: A Neuroimaging Evaluation Veronica Cramm	
12:30-12:35		Design Considerations for Intelligent Tutoring System Construction: Counterfactual Explanation through Cognitive Modelling & Impasse-Driven Learning Danielle Vinson & Spencer Eckler			12:30-12:35		Accommodation is unremarkable Landon Chenglin Liu	
12:35-12:50		Metacognition as a Domain of Skill Brendan Conway-Smith			12:35-12:50		Adaptive Technologies for Aging Populations Nicolas V. Turcas	
12:50-12:55		Ludwig Wittgenstein's Influence on Eleanor Rosch's Categorization Research Stephane Tremblay			12:50-13:05		Embodied Cognition: Effects of Visual Imagery Ability and Reduced Emotional Resonance in L2 on Pupillary Light Response Dalia Serik	
12:55-13:00		Do You 'Give Up' or 'Surrender'? Exploring Phrasal Verb Preferences in Turkish, French, and German Speakers Elif Once Buyukerol & Lara Russo			13:05-13:10		Beyond the Literal: How Autism Shapes Pragmatic Language Understanding Fatemeh Maleki	
13:00-13:15		Comparing the Influence of Various Emotional States on Learning in a Productive Failure and Comparing the Influence of Various Emotional States on Learning in a Productive Failure and Direct Instruction Setting Zachary Savelson			13:10-13:25		Neurocognitive Simulation of System Segregation Spencer Eckler & Nicolas V. Turcas	
13:30-14:30		NI 3020		Poster Session 1 & Refreshments				
1	Modeling False Recognition in the DRM Paradigm: An Approach Using Holographic Declarative Memory					Matthew Chung Hay Lo		
2	Dimensions of Consciousness in Alzheimer's Disease					Salah Aziz		
3	Bilingualism and Cognitive Reserve: Examining Neural Efficiency Across Aging					Emma Richard		
4	The Effect of Spending Power on Children's Saving Ability					Teju Oladipo		
5	Give Me 5: The Development of Quantity Recognition					Leah Marshall		
6	Kindergarteners' Number Knowledge Structure Across Performance Levels: A Network Analysis					Philip Di Domenico		
7	Early Math Success: The Effect of an Early Math Intervention in Grade One					Skyelar Haines		
8	Comparing Online and Paper Assessments in Arithmetic Performance					Georgia Livingstone		
9	The Impact of Self-Explanation Training on Student Learning with ChatGPT					Deena Sookhai		
10	It's About Time – Dynamics Mediate Breathing's Impact on Emotion and Cognition					Josh Goheen		
11	Examining Learning from Text by Perceived Human or AI Authorship					Ian Darragh		
12	When Words Weigh Heavy: The Impact of Depression on the Brain's Language Architecture					Amanda Catherine Schmidt		
13	Resting-State Effective Connectivity Biomarkers for Synesthesia					Mitchell Ross		
14	Language Learning Aptitude: Does Multilingualism Matter?					Irina Smirnova-Godoy		
15	Anxiety, Depression, and Working Memory Performance Using Hierarchical Drift Diffusion Modeling (HDDM)					Kareen Weche		
16	Exploring brain system segregation as a neural mechanism of cognitive reserve in bilingualism					Tyler Call		
17	The Reduction of Embodied Cognition Between Accented vs. Non-accented Speech					Liam Wallace, Annie Ratray, Malka Bortman & Sadia Naureen		
18	The Effects of ADHD Traits on Visuospatial Working Memory Tasks Using fNIRS					Naomi Brake		
19	The Effect of Autistic Trait Load on Executive Functioning Networks in the Brain					Aahana Uppal		
20	Navigating The Digital Age: The Impact of Screen Time on Social Cognitive Embodiment					Mazzy Beasley, Katie Broadhurst, Nadine Murad & Marcus Minna		
21	The Effect of ADHD Trait Load on Learning from Worked Examples					Rana Ali, Raquel Daniel, Phillip Weiss & Louis Fleurent-Wilson		
22	The Influence of Negative Emotional Affect on the Conceptual Understanding of Psychology					Val Hussain, Suban Hussein, Jack Bradley & Zainab Al-Maksousi		
14:30-15:30		NI 3020		Poster Session 2 & Refreshments				
23	Leaving a Mark on the Body: Exploring Adverse Childhood Experience and Emotional Body Mapping					Maia Najm, Georgia Livingstone, Skyelar Haines		
24	One Size Does Not Fit All: A Functional Localization Approach to Language ERPs					Nayna Kirubakar		
25	Productive Failure and Collaboration					Madison Millar		
26	Questions for Baker (2014)					Chester Leopold		
27	Decoding Syntax and Semantics: ERP Insights into Neural Processing in Language and Code					Mary Nehmé		
28	Detecting Foreign Contrasts and Coarticulatory Violations: Monolingual and Bilingual Differences					Marina Panfilova		
29	A Modular Agentic Artificial Intelligence Workflow for Automated Compliance Query Resolution					Samer Al Assafin		
30	The Effects of Migraine Status on The Magnitudes of The N400 Component					Stephanie Oxales		
31	Decoding Thought: EEG Analysis of Language vs Imagery Processing Pathways					Yammam Mohammed & Masih Zaamari		
32	Hippocampal substructure and hearing acuity using MRI measures in adults					Imola MacPhee		
33	Exploring Cognitive AI-Driven Computational Dynamics of Simple Zero-Sum Games					Nicholas Kassabri		
34	Effects of Depression Load on Magnitudes of the N400 ERP Component					Lilah Krause		
35	Staying Alert in Autopilot: The Effects of Trust in Automation and Attentional Capacity on Situation Awareness in Senior Drivers					Alexia Bierlaire		
36	When Words Make You Wince: The Influence of Priming on Disgust Embodiment Among Bilinguals					Brianna Pratt, Jordan Lipson, Maya Shaban & Prudence Rivero		
37	Evaluating Natural Language Inference Models on Conditional Inference and Presupposition					Tara Azin		
38	Embodied Cognition & Word Recall: Why We Remember Concrete Words Better					Greta Racicot, Nabila Ambrin, Phillip Albert & Taylor Lemoyre		
39	A Cognitively Constrained 3D Spatial Language					Rebecca Henry		
40	Examination of Mental Representations Between Generations					Hailey Saunders, Naya Jakmiri, Natalie Gomez Quezada & Tamaya Murray		
41	Cognitively Modeling Visual Imagination in 3D Space					Joshua Yanowitz		
42	Neural Correlates of Rote Memory Recall: Investigating Pre-Semantic Processing and Working Memory Capacity in Phonetic Recital					Marwa Alkhalaf		
43	A Study on Expanding on the Capabilities of Productive Failure outside of STEM					Alex Wilson, Kiranjot Hans & Joyce Chan		
44	Effects of Group Size on Learning to Program in a Productive Failure Setting					Theo Pana, Ashley Navas, Helen Awaju, & Zam Onwusah		
15:30-16:30		NI 4010		Panel Discussion				
Brains, Bots, and Big Questions: Is CogSci the Ultimate Generalist? will explore how experts from different areas of Cognitive Science integrate their knowledge, collaborate across disciplines, and engage with industry and education. The discussion will focus on both theoretical contributions and real-world applications. Dr. Jo-Anne LeFevre, Dr. Myrto Mylopoulos, Dr. John Anderson, Dr. Kasia Muldner, and Dr. Raj Singh will share their unique perspectives.								
16:30		NI 4010		Group Photo				
Conference Closes								
17:00		Mike's Place		Post Conference Gathering				

