

OPAM 32

November 21, 2024

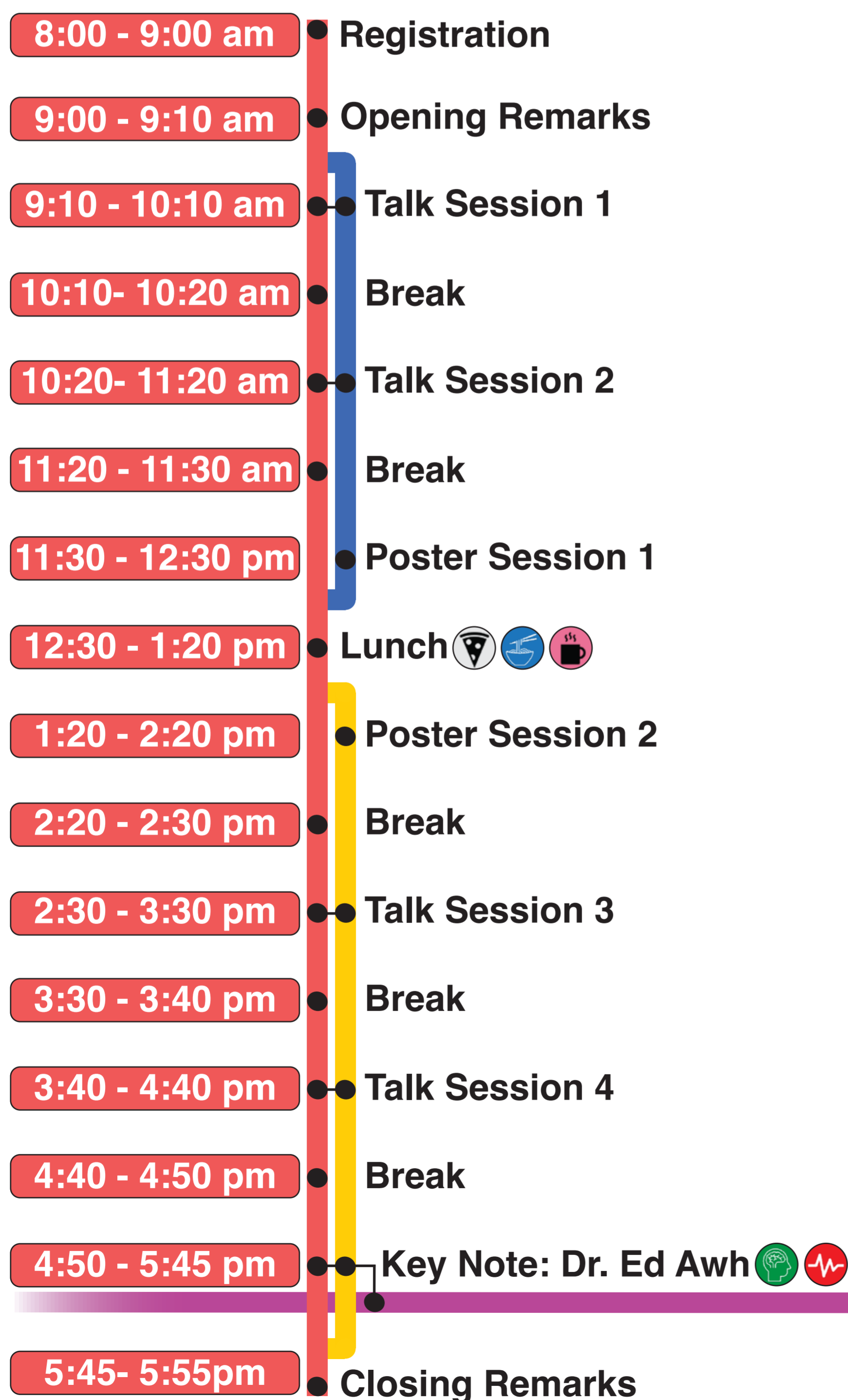
NEW YORK CITY NY

Join the conference organised for and by graduate and postdoctoral researchers where we highlight outstanding early career research on the topics of Object Perception, Attention, and Memory (OPAM)

Visit www.opam.net to register

PLAN YOUR SCHEDULE!

OPAM takes place in the New York Marriott Marquis Hotel



OPAM 32 is organized by

H Zhang	K Krzys
R O'Donnell	D Duncan
N Britt	W Narhi-Martinez

OPAM 32

November 21, 2024

NEW YORK CITY NY

Topic Key

- Op Object Perception
- A Attention
- M Memory

TALK SESSION 1

9:10 - 10:10 AM

Time	Topic	Title	Authors	Affiliation
9:10 AM	A	Parallel Sequential Rejection in Conjunction Search: Insights from Eye-Tracking on Distractor Processing Dynamics	Andrea Yaoyun Cui, Simona Buetti, Pengfei Yu, Alejandro Lleras	University of Illinois at Urbana Champaign
9:25 AM	M	The Benefits of Drawing and Describing for Visual Long-Term Memory	Anna C McCarter, Jeffrey, J, Starns	University of Massachusetts Amherst
9:40 AM	A	Incidental learning of task-relevant and task-irrelevant information in visual search reveals nuanced effects of decay and associative processing	Emma M. Siritzky, Audrey Siqu-Liu, Chloe Callahan-Flintoft, Timothy J. Vickery, Stephen R. Mitroff, Dwight J. Kravitz	The George Washington University
9:55 AM	Op	Resilience of non-simultaneity detection to early-onset, prolonged visual deprivation	Lukas Vogelsang, Priti Gupta, Marin Vogelsang, Naviya Lall, Chetan Ralekar, Suma Ganesh, Pawan Sinha	MIT

TALK SESSION 2

10:20 - 11:20 AM

Time	Topic	Title	Authors	Affiliation
10:20 AM	Op	Ensemble coding abilities are governed by domain general mechanisms	Greer Gillies, Keisuke Fukuda, Jonathan S. Cant	University of Toronto
10:35 AM	A	Attention Guidance by Meaning Maps through Fined-tuned Large Language Models	Zhan Shi, Zhicheng Lin	University of Houston
10:50 AM	A	Incidental learning of distractor features speeds early attentional selection: Evidence from behavior and electrophysiology	Kevin M Ortego, Douglas A. Addleman, Viola S. Stoermer	Dartmouth College
11:05 AM	Op	The psychophysics of style	Tal Boger, Chaz Firestone	Johns Hopkins University

TALK SESSION 3

2:30 - 3:30 PM

Time	Topic	Title	Authors	Affiliation
2:30 PM	Op	The Effect of Fixation Location on Face Perception in Younger and Older Adults	Mo Eric Cui, David Matthew Clark, Yifei Wang, Runzhi Nina Yue, Björn Herrmann, Allison B. Sekuler	University of Toronto
2:45 PM	A	Orientation and Motion Selectivity in the Far Periphery	Ema Bidiwala, Abigail Loddeke, Miranda Scolari	Texas Tech University
3:00 PM	Op	Object Movement, but not Sound, affects inter-item Perceptual Similarity for Object Categorisation	Martina Andrea Seveso, Alan O'Dowd, Rebecca J. Hirst, Fiona N. Newell	Trinity College Dublin
3:15 PM	Op	The sound of shininess: Crossmodal influence of auditory pitch on the perception of gloss	Silas Choudhury, Hong B. Nguyen, Benjamin van Buren	The New School

TALK SESSION 4

3:40 - 4:40 PM

Time	Topic	Title	Authors	Affiliation
3:40 PM	Op	Visual Templates are Modified by Perceived Lighting Changes	Gabriel W Conn, Katie R Jobson, Kayla S Sansevere, Katherine S Moore	Arcadia University
3:55 PM	M	Improving visual working memory performance through goal-setting	Olga Kozlova, Kirsten C.S. Adam	Rice University
4:10 PM	M	Reconciling Meaningful Object Benefit in Visual Working Memory: The Role of Proactive Interference	Hyung-Bum Park, Edward Awh	University of Chicago
4:25 PM	A	Electrophysiological decoding reveals the spotlight of attention shifting between perceptual inputs and memory representations	Xinger Yu, Geoffrey F. Woodman	Vanderbilt University

OPAM 32

November 21, 2024

NEW YORK CITY NY

Topic Key

- Object Perception
- Attention
- Memory

POSTER SESSION 1

11:30 - 12:30 AM

Poster#	Topic	Title	Authors	Affiliation
01	●	Similar quality of visual working memory representations between negative and positive attentional templates	Mahsa Zafarmand, Matthieu Chidharom, Nancy B. Carlisle	Lehigh University
02	●	Within-subject manipulations of proactive control do not change negative templates benefits: Exploring the effect of reward on negative and positive cues	Matt Tong, Matthieu Chidharom, Nancy B. Carlisle	Lehigh University
03	●	Visual occlusion of faces alters typical neural face processing	Sarah Danielle McCrackin, Georges Chatzis, Jelena Ristic	McGill University
04	●	Salient Distraction Disrupts Non-Target Suppression During Category-Tuned Attentional Filtering: Behavioural Evidence for the Filter Disruption Theory	Cailey Collins, Blaire Dube	Memorial University of Newfoundland
05	●	Using drift diffusion modeling to uncover general and condition-specific effects of trial history in visual attention	Justin N. Grady, Dwight J Kravitz, Stephen R Mitroff	The George Washington University
06	●	Sweating the Details: Narrow Attentional Scope Facilitates More Negative Emotion Perception	Rebeka Almasi, Rebeka C Almasi, Myeong-Ho Sohn	The George Washington University
07	●	Emotional consequences of Expending effort	Emma Sophie Wiedenmann, Sarah Malykke, Rebeka C. Almasi, Myeong-Ho Sohn	The George Washington University
08	●	Object-based attention is flexible to both low- and high-level changes in real-world objects	Kelly McEvoy, Dick Dubbelde, Sarah Shomstein	The George Washington University
09	●	How does past experience drive attentional strategy? Testing the role of explicit knowledge	Mackenzie J. Siesel, Tianyu Zhang, Andrew B. Leber	The Ohio State University
10	●	What distinguishes optimal visual searchers? Evidence from a probe procedure	Tianyu Zhang, Andrew B. Leber	The Ohio State University
11	●	How Do Dual Tasks Affect ID Verification? An Eye-Tracking Analysis	Nathan Henry Wieters	Texas A&M - San Antonio
12	●	Information-driven attentional capture	Alenka Doyle, Kamilla Volkova, Nick Crotty, Nicole Massa, Michael A. Grubb	Trinity College
13	●	The predictive pupil: Implicitly signaling the prior probability of an attention-attracting abrupt onset preemptively modulates pupil area	Matthew A. Parrella, Michael A. Grubb	Trinity College
14	●	Extending the Functional Viewing Field framework to include head movements using a virtual reality foraging task	Taylor B. Dunn, Emily Beale, Allison Jones, Sam Schuhl, Chloe Callahan-Flintoft, Anna Madison, Anthony J. Ries	U.S. Air Force Academy, Warfighter Effectiveness Research Center
15	●	Memory's control on attention: examining the dynamics of object-feature reinstatement during search	Jessica Kespe, Nasseem Al-Aidroos	University of Guelph
16	●	Searched but never found: Attentional control settings are pruned based on interactions with the external environment	Samantha Joubran, Rebecca McCabe, Nasseem Al-Aidroos	University of Guelph
17	●	The influence of goal-contingent attentional capture on hazard detection	Rachel A. Eng, Nasseem Al-Aidroos, Lana M. Trick	University of Guelph
18	●	Attentional prioritization of targets in multiple-object tracking (MOT) and visually guided touch is driven by target selection rather than action plans	Mallory E. Terry, Lana M. Trick	University of Guelph
19	●	What Can 160,000 Saccades Tell Us About Suppression of Salient Distractors?	Kaitlyn N. Drennan, Nicholas Gaspelin	University of Missouri
20	●	Investigating Memory Episodes in Location Probability Learning: Can Altering Response Features Reset Spatial Bias?	Gengshi Hu, Xinger Yu, Geoffrey Woodman	Vanderbilt University

OPAM 32

November 21, 2024

NEW YORK CITY NY

Topic Key

 Object Perception

 Attention

 Memory

POSTER SESSION 1

11:30 - 12:30 AM

Poster#	Topic	Title	Authors	Affiliation
21		Differential Attentional Costs of Encoding Single- vs. Multiple-Feature Objects in Visual Working Memory: An ERP Study	Jessica Ip, William C. Heindel, Elena K. Festa	Brown University
22		Can you remember them better because they are familiar or because they look real?: Testing the contribution of “object-ness” in visual working memory using novel objects	Yong Hoon Chung, Sam (Seho) Jung, Viola S. Störmer	Dartmouth College
23		The Missing Piece of the Puzzle: How do we Use Predictive Templates to Guide Visual Search?	Jennifer D. Bartlett, Blaire Dube	Memorial University of Newfoundland and Labrador
24		Assessing individual differences in chunking strategy in visual working memory	Yin-ting Lin, Andrew B. Leber	The Ohio State University
25		The brain knows more is stored in visual long-term memory than we can report	Chong Zhao, Keisuke Fukuda, Geoffrey F. Woodman	University of Chicago
26		Retrieved information from long-term memory does not bypass working memory, even when full	Michael Kevin Mugno, Timothy Vickery	University of Delaware
27		Independent Effects of Valence and Memorability on Visual Statistical Learning	Meital Friedman-Oskar, Tomer Sahar, Tal Makovski, Hadas Okon-Singer	University of Haifa
28		Yellow Bananas & Pink Flamingos: Prior Knowledge about Object-Colors Associations Increased the Retention of Color and Object Details	Nuno D. Sobrinho, São Luís Castro, Alessandra S. Souza	University of Porto
29		The influence of target-distractor similarity on the attentional boost effect	Yoongeol Yang, Juyeon Joe, Min-Shik Kim	Yonsei University
30		Temporal Interitem Relations in Visual Working Memory	Hyeri Yoh, Min-Shik Kim	Yonsei University
31		Pushing the ball vs. Pulling the rubber band: Adaptation-Induced Reversal of Causal Agent-Patient Relationships	Jimin Ju, Sung-Ho Kim	Ewha Womans University
32		Furrow illusion reveals contributions of conscious object perception to rapid motor responses	Alyssa Costigan, Marjan Persuh	Manhattan College
33		Changes in response times before and after making a mistake reveal distinct motor and cognitive mechanisms of error monitoring	Sarah B. Malykke, Audrey Siqi-Liu, Emma M. Siritzky, Justin N. Grady, Kelvin S. Oie, Dwight J. Kravitz, Stephen R. Mitroff	The George Washington University
34		Exploring Object Properties that Support the Transfer of Information Across Active Echolocation and Touch	Ayema Mukhtar, Keith Henderson, Shelby Bourquin, Santani Teng, Amrita Puri	University of Guelph
35		Effects of Target Location and Simultaneous Disappearances in Motion-Induced Blindness.	Vishnu Yogesh Soni, Joey Planchet, John E. Sparrow	University of New Hampshire at Manchester; Columbia University
36		VariCat: A Scene Image Dataset for Search	Carmen Ovalle, Jenna Wurtzbacher, Anatolii Evdokimov, Riley Dunkelberger, Yining Wang, Ariel M. Kershner, Arryn Robbins	University of Richmond
37		General Recognition Theory Analysis of Cue Detection and Discrimination under Varied Color Filters	Erin Silvas, Lauren Kahn, Joseph Houpt, Paul Havig, Barry Goettl	UTSA

OPAM 32

November 21, 2024

NEW YORK CITY NY

Topic Key

 Object Perception

 Attention

 Memory

POSTER SESSION 2

1:20 - 2:20 PM




Poster#	Topic	Title	Authors	Affiliation
38		How 'optimal' is mixed hybrid foraging?	Injae Hong, Jeremy M. Wolfe	Brigham and Women's Hospital, Harvard Medical School
39		Delineating the Effects of Memory-Guided and Imagery-Guided Attentional Capture in a Visual Search	Alyssa M.L. Thibeault, Maha Ali, Stephen M. Emrich	Brock University
40		Reach Distance as a Motivator for Thorough Visual Search	Alexis A. Henry, Dasha A Zdvizhkova, Macey K Roberts, Jeff Moher	Connecticut College
41		Salient Distractors Reduce Total Fixations and Reflect Early Quitting in a Visual Search	Fabio Solorzano Quesada, Anjum Shaikh, Skylar Rice, Trafton Dre, Brennan Payne, Jeff Moher	Connecticut College
42		The Impact of User-Controlled Cues on Visual Search Performance and Quitting Behavior	Melisa Sierra, Idah Mbithi, Jeff Moher, Brennan Payne	Connecticut College
43		Effect of Motivation on Attentional Breadth	Nora J. Will, Deborah Cronin	Drake University
44		The congruency sequence effect in auditory and visual Stroop tasks.	Jin Ho Kim, Yang Seok Cho	Korea University
45		Attention Modulated by Levels of Value and Uncertainty According to Search Mode	Jaemin Lee, Yang Seok Cho	Korea University
46		Diametrical Response Layout in Mouse-Tracking Method for Spatiotemporal Divergence of the Simon Effects	Nahyun Lee, Minwoo JB Kim, Yang Seok Cho	Korea University
47		Examining Contextual Cues in Prospective Memory using Pupillometry	Giovanna C. Del Sordo, Megan H Papesh	New Mexico State University
48		Investigating the Role of Peripheral Information Processing in Mental Maze Solving using a Gaze-Contingent Paradigm	Kian Motahari, Yelda Semizer, Ben Balas, Ruth Rosenholtz	New Jersey Institute of Technology
49		Going Gray too Early? Effects of Color on Facial Identification	Roman M. Pardo, Dawn R. Weatherford, Nathan Wieters, Arleth Morquecho	Texas A&M - San Antonio
50		Active Generation of Search Templates Using Deep Neural Networks	Seoyoung Ahn, Hossein Adeli, Gregory Zelinsky	UC Berkeley
51		Probing the domain-generality/specificity of conflict adaptation	Sarah Mia Liberatore, Dezhi Luo, Jacob Sellers, John Jonides	University of Michigan
52		Does endogenous visual cueing influence audiovisual integration?	Abigail Daley, Natasha Taylor, Jonathan Wilbiks	University of New Brunswick
53		Using virtual reality to simulate wilderness search and rescue 'clue-finding' tasks	Paean Luby, Ashley Mathis, Bryan White, Rebecca Penn, Arryn Robbins, Michael C. Hout	University of Richmond
54		Learning Alters Salience	Dock H. Duncan, Dirk van Moorselaar, Jan Theeuwes	Vrije Universiteit Amsterdam
55		Unfolding the hidden impact of suppressed distractors on reaching movements	Shinhae Ahn, Shinhae Ahn, Richard A. Abrams	Washington University in St. Louis
56		Impact of Current Emotional State on the Overgeneralization of Autobiographical Memory	Qi ZHANG, Eriko Sugimori, Yayoi Kawasaki	Waseda University
57		Angry Faces Seem More Prevalent in Summary Frequency Judgments	Makenna P. Tardif, Karen M. Arnell	Brock University

OPAM 32

November 21, 2024

NEW YORK CITY NY

Topic Key

-  Object Perception
-  Attention
-  Memory

POSTER SESSION 2

1:20 - 2:20 PM

Poster#	Topic	Title	Authors	Affiliation
58		Do Eye Movements Disrupt Visual Memory?	Erin E. Carlson, Odessa, L. White, Deborah, A. Cronin	Drake University
59		Thematic relations outperform taxonomic relations in memory retrieval	Weijia Cao, Omri Raccah, Phoebe Chen, Alexa Tompany, David Poeppel	Drexel University
60		fMRI exploration of Mind Wandering and Memory Consolidation	Devayani Joshi, Alexa Tompany, Aaron Kucyi	Drexel University
61		The effect of aesthetic quality and spatial layout on the metacognitive processing of naturalistic scenes.	Sebastian Nikolas Tustanowski, Helen Williams, Susan Sherman, Joseph L. Brooks	Keele University
62		Simulating Compositional Imagery Operations with Disentangled Features Stored in Working Memory	Ian Deal, Valerie Esquivel, Vijay Subedi, Brad Wyble	Pennsylvania State University
63		Dark Triad Correlates of Recognition Memory	Stephanie A. Gooding, William B. Erickson, Dawn R. Weatherford, Edith Escamilla, Adriana Rodriguez	Texas A&M - San Antonio
64		Evaluating Encoding and Retrieval Advantages of Action Pairs in a Newly Developed Stimulus Set	Moussa Kousa, Brad P. Wyble	The Pennsylvania State University
65		Assessing ADHD effects on Working Memory Manipulation: Evidence from Drift Diffusion Modeling	Wei-Jie Zhou, Kane York, Han Zhang, John Jonides	University of Michigan
66		Examining the impact of pediatric concussion and impulsivity on adolescent executive functioning using the ABCD Study	Jenna N. Pablo, Philip T. Veliz, Marian E. Berryhill	University of Nevada, Reno
67		The Impact of Computer-Aided Detection on Visual Search: Investigating Early Quitting and Error Patterns	Eunseo Han, Maiko Okamura, Brennan Payne, Trafton Drew, Jeff Moher	Connecticut College
68		On the emergence of the parvo- and magnocellular division: Potential role of early visual experience	Marin Vogelsang, Lukas Vogelsang, Gordon Pipa, Sidney Diamond, Pawan Sinha	MIT
69		Computational Methods of Visual Clutter and its Impact on Predicting Visual Search Performance	Sathvik Gopu, Yelda Semizer	New Jersey Institute of Technology
70		Peripheral Object Detection in Expert Basketball Players Compared to Novices	Gala Krsmanović, Yelda Semizer	New Jersey Institute of Technology
71		A Closer Look at Perceptual Training During an Anomaly Search Task: Target Recognition and Error Distributions	Ashley Paige Mathis, Giovanna C. del Sordo, Michael C. Hout, Megan H. Papesch, Bryan L. White, Rebecca A. Penn	New Mexico State University
72		Does children's ability to categorise objects benefit from additional cues of motion and sound	Eimear M. McKenna, Doaa Karam, Alan O'Dowd, Rebecca Hirst, Fiona N. Newell	Trinity College Dublin
73		Generating objects in peripheral vision using attention-guided diffusion models	Ritik Raina, Seoyoung Ahn, Gregory J. Zelinsky	Stony Brook University
74		Aesthetic preferences for objects are viewpoint dependent	Jiangxue Ning, Tianxiang Li, Kexuan Zhang, Benjamin van Buren	The New School
75		Good intentions: Observers prefer viewing moving shapes which look self-propelled and goal-directed	Hong Binh Minh Nguyen, Dr. Benjamin van Buren	The New School

OPAM 32

November 21, 2024

NEW YORK CITY NY

This booklet was designed by **Duncan** with aesthetics borrowed from the iconic New York transit system



KEYNOTE ADDRESS

Dr. Ed Awh
University of Chicago

4:50 - 5:45 PM

CLOSING REMARKS

5:45 - 5:55 PM

OPAM32 SPONSORS

