

opam33

Denver, Colorado
November 20th, 2025

Conference Program

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).



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7AM	Registration opens Poster set up
7:50–8AM	Opening remarks
8–9AM	Talk Session 1 — Mnemonic Influences
9–9:15AM	Break
9:15–10:15AM	Talk Session 2 — Specialized Processing
10:30 - 12AM	Poster Session
12–1:30PM	Experts Lunch
1:30–2:30PM	Talk Session 3 — Learning and Prediction
2:30–2:45PM	Break
2:45–3:45PM	Talk Session 4 — Attention & Search
3:45–4PM	Break
4–5PM	Keynote speaker
5–5:10PM	Awards and closing remarks



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TALK SESSION 1 | 8-9AM

Mnemonic Influences

- Does knowing that a potato chip resembles Elvis change your visual memory of it?
 - Emma Megla, Ophra A. Atar, Wilma A. Bainbridge — University of Chicago
- Neural representation of action-guiding and non-action-guiding information in visual working memory
 - Dennis Boakye, Khayla Santiago, Chunyue Teng — Lawrence University
- Effect of landmark usefulness on working memory representations
 - Nicholas R. Schmitz, Sage L. Bendickson, David W. Sutterer — University of Tennessee, Knoxville
- fMRI exploration of mind-wandering and memory consolidation
 - Devayani Joshi, Alexa Tompany, Aaron Kucyi — Drexel University

TALK SESSION 2 | 9:15-10:15AM

Specialized Processing

- ▲ The wisdom of crowds in visual search: How gaze similarity predicts collective performance
 - Dyllan Simpson, Timothy Brady — University of California, San Diego
- Explicit access to detailed feature distribution representations
 - Vladislav Khvostov, Julie D. Golomb, Árni Gunnar Ásgeirsson, Árni Kristjánsson — The Ohio State University
- ▲ Rhythmic coordination of visual perception and working memory under competition
 - Yifei Wu, Chunyue Teng — Lawrence University
- Is number (perceptually) special?
 - Gabriel C.L. Waterhouse, Sami R. Yousif — University of North Carolina - Chapel Hill



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TALK SESSION 3 | 1:30–2:30PM

Learning and Prediction

- Expectations reveal adaptive integration between perception and visual working memory
 - Joseph M. Saito, Boheng Li, Timothy F. Brady — University of California San Diego
- Prediction accuracy dynamically modulates prediction-based false memory
 - Olya Bulatova, Keisuke Fukuda — University of Toronto
- ▲ Learning Under Uncertainty: When Spatial Bias Becomes Flexible or Rigid
 - Juhyeon Song, Min-Shik Kim — Department of Psychology, Yonsei University
- ▲ Statistical Pattern Learning in Visuospatial Temporal Contexts
 - Artyom Zinchenko, Ananya Mandal, Thomas Geyer — LMU, Munich

TALK SESSION 4 | 2:45–3:45PM

Attention and Visual Search

- ▲ Dissociable mechanisms of attention guidance from negative templates maintained in visual working memory and long-term memory
 - Aditya V. Prakash, Andrew Hollingworth — University of Iowa
- ▲ Modeling variable visual search strategies
 - Molly R. McKinney, Mianzhi Hu, Darrell A. Worthy, Brian A. Anderson — Texas A&M University
- ▲ Attentional blink dynamics are modulated by categorical color changes between targets
 - Eben W. Daggett, Michael C. Hout — New Mexico State University
- ▲ Saccadic timing in visual search is mediated by individual differences in covert visual processing and inhibition
 - Ryan V. Ringer, Bradley Stewart, Zachariah Weir, Chloe Alvarado, Carly J. Leonard — University of Colorado Denver



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POSTER SESSION

Memory

- Spatial rehearsal in visual working memory: Eye movement evidence for prioritization after retro-cueing
 - Haley M. Bennett, Nancy B. Carlisle — Lehigh University
- Does selection history impact optimal encoding strategies in visual working memory?
 - Kiersten E. Gentry, Dr. Andrew Clement, C. Jackson Van Meter IV — Millsaps College
- A Visual testing effect for novel abstract objects depending on how memory is cued
 - Jennifer Gove, Rosemary A. Cowell, David E. Huber — University of Colorado Boulder
- Trait versus state mental imagery: Characterizing the subjective nature of misremembering
 - Kennedy Nikko King, Himanshu Chaudhary, Dr. Ayanna Thomas, Dr. Elizabeth Race — Tufts University and Drexel University
- Exploring the boundaries of attribute amnesia: Can an intervening task modify how much is forgotten?
 - Kellen Hendrix, Bill DuVall, Nelson Cowan — University of Missouri-Columbia
- The benefits of drawing and describing for visual memory binding
 - Anna C. McCarter, Jeffrey J. Starns — Harvard University
- Transsaccadic memory: Distinguishing between integration and overwriting mechanisms
 - Zexuan Niu, Andrew Hollingworth — Department of Psychological and Brain Sciences, University of Iowa
- Do item-context associations distort memory for the details of the context?: An investigation via drawings
 - Ryan E. O'Donnell, Alexa Tompary — Drexel University
- The cost of retrieval task uncertainty in working memory
 - Jenna N. Pablo, Lena L. Kemmelmeier, Marian E. Berryhill — University of Nevada, Reno
- Spatial memory among collegiate athletes and non-athletes
 - Sarah Sikder, Alexa Tompary — Drexel University
- The effects of divided attention on memory accuracy: A comparison of responsive and non-responsive distraction
 - Ashley C. Steinkrauss, Scott D. Slotnick — Boston College
- Integrating and segregating perceptual history: The effect of competing priors on visual judgments
 - Bugay Yildirim, Aysecan Boduroglu — Koç University



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POSTER SESSION

Attention

- ▲ Cognitive control intensifies the effect of attention on emotion
 - Rebeka C. Almasi, Myeong-Ho Sohn — The George Washington University
- ▲ Disentangling active and passive sustained attention: Evidence from temporal patterns in pupillometry
 - Mayte Alonso Carrillo, Giovanna C. Del Sordo, Megan H. Papesch, Michael C. Hout — New Mexico State University
- ▲ Pushing the envelope: Active viewing drives boundary extension
 - Hong B. Nguyen, Benjamin van Buren — The New School
- ▲ Surprise-induced Numbness: Unexpected stimulus properties transiently disrupt haptic perception
 - David-Cristian Anghel, Takashi Obana, Young Ern Saw, Zhi Yi Tan, Simon T. Perrault, Christopher L. Asplund — National University of Singapore
- ▲ Attentional guidance or decision-making? Effects of learning on eye movements during visual search for real-world objects
 - Olivia Caputo, Doug Addleman — Gonzaga University
- ▲ See it to believe it: The role of feedback in low-prevalence search
 - Vincent D. Caruso, Gavin Fox, Nancy B. Carlisle, Patrick H. Cox — Lehigh University
- ▲ Task-irrelevant physical salience delays target processing inside and outside of the attentional blink
 - Carly Chak, Kaylene Truong, Trisha Dharmapuri, Barry Giesbrecht — University of California, Santa Barbara
- ▲ Proactive suppression of salient distractors persists under feature variability and cognitive load
 - Sieun Choi, Yang Seok Cho — Korea University
- ▲ From providing to predicting: Expanding the information-driven attentional capture hypothesis
 - Alenka Doyle, Emily Gonzales, Michael A. Grubb — Trinity College-Hartford
- ▲ Neurotype modulates search performance, not statistical learning
 - Riley Dunkelberger, Carmen Ovalle, Dr. Arryn Robbins — University of Richmond
- ▲ Identifying the behavioral consequences and neural mechanisms of learned attentional flexibility in older adults
 - Verity A. Elliott, Anthony W. Sali — Wake Forest University
- ▲ Searching within and across categories
 - Victoria L. Jacoby, Jeremy M. Wolfe — Brigham and Women's Hospital, Harvard Medical School



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POSTER SESSION

Attention

- ▲ Under multifocal selection, global information may be available for location, but not for features
 - Ouxun Jiang, Sophie Shin, Steven L. Franconeri — Northwestern University
- ▲ When active meets passive: Attentional guidance from mixed-state representations in WM
 - Juyeon Joe, Min-Shik Kim — Yonsei University
- ▲ Bind 2, get 1 free?: Will the visual system encode a third feature even when it's irrelevant?
 - Moussa Kousa, Brad Wyble — The Pennsylvania State University
- ▲ Multitasking training: The effects of adaptive and variable difficulty on learning and long-term retention
 - Siong Peng Kwek, Yi Xuan Yan, Jane Lee, En-Lin Leong, Yun Da Chua, Alvin Wong, Takashi Obana, Jing Wen Chai — National University of Singapore
- ▲ Effect of cognitive workload on performance awareness
 - Zoe Loh, Spencer C. Castro — University of California, Merced
- ▲ Distractor avoidance is independent of search seriality
 - Xiaojin Ma, Richard A. Abrams — University of Missouri
- ▲ The influence of emotion on object-based attention using reward
 - Sanweda Mahagabin, Sarah Shomstein — George Washington University
- ▲ Workload and trust in collaborative human-AI (WATCH): A multimodal framework to understand trust and workload in human-AI collaboration
 - Jordan Elizabeth Martinez, Anthony J. Ries, Anna M. Madison — U.S. Air Force Academy
- ▲ An evaluation of the stability of the expectancy effect in visual search
 - Natalie A. Paquette, Joseph Schmidt — University of Central Florida
- ▲ Eye tracking reveals the efficacy of object-based attention at filtering out disproportionately salient foveal distractors
 - Lasyapriya Pidaparathi, Frank Tong — Vanderbilt University
- ▲ Characterizing eye movements during visual word search
 - Grace C. Sinclair, Joseph Schmidt — University of Central Florida
- ▲ Impact of statistical learning on emotion-induced blindness
 - Yiwei Tang, Christian E. Waugh, Anthony W. Sali — Department of Psychology, Wake Forest University



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POSTER SESSION

Attention

- ▲ Using the Apple Vision Pro as a portable research tool.
 - Kamilla Volkova, Kaila Dowd, Michael A. Grubb — Trinity College, CT
- ▲ Proxemics and perception: How interpersonal distance shapes group perception
 - Luowei Yan, Clara Colombatto, Jelena Ristic — McGill University
- ▲ Ensemble representations hinder sustained attention and facilitate attention orienting
 - Harun Yörük, Thomas S. Redick — Purdue University
- ▲ The relationship between effort avoidance and attentional control strategy
 - Tianyu Zhang, Saachi Kuthe, Andrew B. Leber — The Ohio State University
- ▲ Machine psychophysics: Cognitive control in vision-language models
 - Dezhi Luo, Maijunxian Wang, Bingyang Wang, Tianwei Zhao, Yijiang Li, Hokin Deng — University of Michigan

POSTER SESSION

Object Perception

- Immediate auditory feedback speeds visuomotor delay adaptation in video Games
 - Xuyuan Duan, Colleen Macklin, Benjamin van Buren — New School for Social Research
- Face perception is resistant to redundancy masking
 - Lillian R. Hauser, Timothy Sweeny — University of Denver
- Reinforcement learning enhances neural mechanisms that support conscious visual perception of rewarding stimuli
 - Rebecca M. Lovasco, Casey E. Baldwin, Marty G. Woldorff, Kristina Krasich — Elon University
- Object representations in early visual cortex are modulated by visual versus semantic task context
 - Kate Walsh, Rosemary A. Cowell — University of Colorado Boulder
- Within- and between-person effects of top-down effort and bottom-up resistance to felt sense of agency during the perception of multi-stable objects
 - Rebecca Nicole Warren, Rebecca N. Warren, Austin Wyman, Mary A. Peterson, Bradley S. Gibson — University of Notre Dame



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▲ ATTENTION

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Other

- Enhancing dyslexia diagnosis with a multisensory pseudoword mask assessment
 - Lauren C. Kahn, Joseph Hout — University of Texas at San Antonio
- Many FACETS, one emotion: Reporting the valence and labeling of emotional faces
 - Graci P. King, Melena R. Gonzalez, Amanda L. Martinez, Amy Bohmann, Dawn R. Weatherford — Texas A&M University-San Antonio
- Time perception and embodiment: Agency, body ownership, and self-location affect interval timing during a virtual walk
 - Tristen B. Roussell, Eve A. Isham — University of Arizona
- Not just the mask: Medical, cultural, and fashion occlusion impair emotion recognition and empathy
 - Sarah D. McCrackin, Sophie Naasz, Jelena Ristic — Marshall University



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KEYNOTE | 4-5PM

Dr. Joy Geng

Dr. Geng is a Professor for the Department of Psychology at UC Davis, where she leads the Integrated Attention Lab. Her lab investigates the cognitive and neural mechanisms of attention, with a particular focus on how the brain flexibly adapts to environmental demands during perception and memory. Her lab has received funding from organizations such as the National Institutes of Health, the National Science Foundation and private organizations. Dr. Geng has also previously served as an associate editor at Attention, Perception & Psychophysics and has served on grant review panels for NSF and NIH and is a fellow of the Association for Psychological Science.



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PROGRAM DESIGN BY HYNING GAN

