MATHPSYCH/ICCM 2025

COLUMBUS, OHIO

58th Annual Meeting of the Society for Mathematical Psychology (MathPsych)

and the 23rd International Conference on Cognitive Modeling (ICCM)

The Ohio State University

July 25 – 29, 2025

The Blackwell Inn & Conference Center: 2110 Tuttle Park Place, Columbus, Ohio 43210

The Ohio Union: 1739 N. High Street, Columbus, OH 43210

Schedule at a glance

Friday, July 25th (All Events @ The Blackwell Inn & Conference Center)

8:00-9:00 am	Registration (Outside Pfahl 140)
9:00-10:20 am	Morning Workshop(s) (Pfahl 140 & Pfahl 230)
10:20-10:40 am	Coffee Break (Outside Pfahl 140)
11:00 am-1:00 pm	Morning Workshop(s) (Pfahl 140 & Pfahl 230)
1:00-3:00 pm	WoMP-PRIME Lunch (outside Pfahl 140) *All WoMP-PRIME Members Welcome to Attend*
3:00-5:00 pm	WoMP Professional Development Symposium (Pfahl 140) *All Welcome to Attend*
5:00-8:00 pm	Welcome Reception (Pavillion)

Saturday, July 26th (All Events @ The Ohio Union)

8:00-9:00 am	Registration (Ohio Union, First Level)
9:00-10:20 am	Session #1 (Performance Hall; US Bank Conference Theater; Great Hall)
10:20-10:40 am	Coffee Break (First Floor)
10:40 am-12:00 pm	Session #2 (Performance Hall; US Bank Conference Theater; Great Hall)
12:00-1:20 pm	Lunch / JMP Editorial Board Meeting (Traditions Room, Second Floor)
1:20-2:20 pm	Senior Fellow – Barbara Dosher (Q&A Zhong-Lin Lu) (Performance Hall)
2:20-2:40 pm	Coffee Break (First Level)
2:40-4:00 pm	Session #3 (Performance Hall; US Bank Conference Theater; Great Hall)
4:00-5:00 pm	Estes Keynote – Peter Kvam (Performance Hall)
5:30-7:30 pm	Poster Session (Archie M Griffin Grand Ballroom I)

Sunday, July 27th (All Events @ The Ohio Union)

9:00-10:20 am	Session #4 (Performance Hall; US Bank Conference Theater; Great Hall A; Great Hall B)
10:20-10:40 am	Coffee Break (First Floor)
10:40 am-12:20 pm	Session #5 (Performance Hall; US Bank Conference Theater; Great Hall A; Great Hall B)
12:20-1:40 pm	Lunch / SMP Executive Board Meeting (Traditions Room, Second Floor)

1:40-2:40 pm	Keynote – John Anderson (Performance Hall)
2:40-3:00 pm	Coffee Break (First Floor)
3:00-4:00 pm	Session #6 (Performance Hall; US Bank Conference Theater; Great Hall A; Great Hall B)
4:00-5:00 pm	SMP Business Meeting (Traditions Room; Second Floor)
5:00-8:00 pm	Banquet (Archie M Griffin Grand Ballroom)

Monday, July 28th (All Events @ The Ohio Union)

8:00-9:00 am	WoMP-PRIME Business Meeting (Traditions Room)
9:00-10:20 am	Session #7 (Performance Hall; US Bank Conference Theater; Great Hall A; Great Hall B)
10:20-10:40 am	Coffee Break (First Floor)
10:40 am-12:00 pm	Session #8 (Performance Hall; US Bank Conference Theater; Great Hall A; Great Hall B)
12:20-1:40 pm	Lunch / CBB Editorial Board Meet / ICCM Executive Board Meetings (separate) (Traditions Room, Second Floor / Great Hall B, First Floor)
1:40-2:40 pm	Keynote – Jay Myung (Performance Hall)
2:40-3:00 pm	Coffee Break (First Floor)
3:00-4:20 pm	Session #9 (Performance Hall; US Bank Conference Theater; Great Hall A) / ICCM Business Meeting (Great Hall B)

Tuesday, July 29th (All Events @ The Ohio Union)

9:00-10:15 am	ACT-R Workshop Session 1 (Ohio Union Senate Chamber; Second Floor)
10:30-11:45 am	ACT-R Workshop Session 2 (Ohio Union Senate Chamber; Second Floor)
1:00-2:15 pm	ACT-R Workshop Session 3 (Ohio Union Senate Chamber; Second Floor)
2:30-3:45 pm	ACT-R Workshop Session 4 (Ohio Union Senate Chamber; Second Floor)
4:00-5:00 pm	ACT-R Open Discussion

Friday, July 25th, 2025 Location: Blackwell Inn & Conference Center		
8:00 AM	Foyer (outside Pfahl 140) - Registration	
	Pfahl Room 140	**Pfahl Room 230**
9:00 AM	<u>WORKSHOP</u>: Bringing cognitive modeling up to speed with simulation-based inference, a tutorial approach	<u>WORKSHOP</u>: High performance computing for dynamical systems and Bayesian estimation with on-demand computing resources
10:20 AM	Coffee Break	
10:40 AM	<u>WORKSHOP</u>: Bringing cognitive modeling up to speed with simulation-based inference, a tutorial approach	<u>WORKSHOP</u>: High performance computing for dynamical systems and Bayesian estimation with on-demand computing resources
1:00 PM	Lunch Break ***Pavilion:*** *WoMP-PRIME Members Networking Lunch*	
3:00 PM	**Pfahl 140:** WoMP-PRIME Professional Development Symposium *All are welcome to attend*	
5:00 PM	**Pavilion:** Welcome Reception	

	Track I Performance Hall	Track II US Bank Theater	Track III Great Hall
Saturday, July 26th, 2025 Location: Ohio Union			
Session #1	**Explore-Exploit Symposium**	**Perception**	**Human-AI Collaboration**
9:00 AM	**Shiffrin** - The Exploitation / Exploration dilemma in science: What is the right balance?	**Lentz** - Quantifying the contributions of left and right ears to binaural auditory detection	**Boag** - Automation use and competition for cognitive capacity in multi-tasking
9:20 AM	**Favela** - Progress and the exploitation - exploration dilemma in the history and philosophy of science **Fishbach** - Exploitation / Exploration in the Behavioral Science	**Billock** - Multisensory and multimodal suppressive neurons implement a nonlinear weighted sensory combination that mimics Bayesian combination	**Song** - Benchmarking the rationality of AI decision making
9:40 AM	**Erev** - Choice prediction competition as a method to facilitate exploration	**Mojahedian** - Cognitive and Computational Insights into Motion Perception Differences in Dyslexia: Insights from Discrete- and Continuous-Outcome Decision Dynamics	**Li** - The importance of metacognitive sensitivity in human-AI decision-making
10:00 AM	**Gottlieb** - From learning to discovery and from neurons to society		
10:20 AM	Coffee Break		
Session #2	**Explore-Exploit Symposium**	**Applied Modeling**	**Metacognition & control**
10:40 AM	**Todd** - How environment structure affects search strategies in patchy spaces	**Ahn** - Naturalistic paradigms for advancing the understanding of real-world addictive behaviors	**Hu** - From self-evaluation to action: Metacognition as a predictor of planning ability in sequential decision making
11:00 AM	**Dubova** -Radically exploratory science **Vandekerckhove** - Sharing your toothbrush with strangers	**Pichardo** - Decoding Decision-Making in Substance Use: A Systematic Review of IGT Computational Models	**Zimmermann** - From confidence to control: Modeling metacognitive decision-making
11:20 AM	**Liu** - Exploring scientific ideas via AI-powered metaphorical reasoning	**Simen** - Neural self-excitation: a one-parameter model of the autism spectrum	**Sellers** - Modeling the temporal dynamics of cognitive control
11:40 AM	**Gureckis** - Learning traps and scientific inquiry		**Carson** - Cognitive Mechanisms of Time-On-Task Effects in Visual Perception and Decision-Making Tasks

12:00 PM	Lunch **Traditions Room:** *Journal of Mathematical Psychology* Editorial Board Meeting		
1:20 PM	**Performance Hall** **Senior Fellow Q&A - Barbara Dosher**		
2:20 PM	Coffee Break		
Session #3	**Explore-Exploit Symposium**	**Time**	**Methods**
2:40 PM	**Sloutsky** - Exploitation / Exploration in Early Development: Useful Lessons for Science?	**Medriano** - Data-driven model discovery for coupled time series	
3:00 PM	**Gonzalez** - Exploration-Exploitation in Sequential Decisions from Experience **Nunez** - Exploration and exploitation in (model-based) cognitive neuroscience	**Vanhasbroeck** - Seemingly different, yet the same: Discounting models as a special case of the autoregressive models	**Peregrino** - Modeling beliefs about SARS-CoV-0 using Thurstonian models
3:20 PM		**Boehm** - A Stochastic Delay Differential Equation Model for Driving Performance Under Dual Task Conditions	**Le** - Guidelines for the interpretation of NCDIF as an effect size measure
4:00 PM	**Performance Hall** **Estes Keynote - Peter Kvam**		
5:30 PM	**Archie M. Griffin Ballroom** **Posters**		

	Track I Performance Hall	Track II US Bank Theater	Track III Great Hall A	Track IV Great Hall B
	Sunday, July 27th, 2025 Location: Ohio Union			
Session #4	**Machine Learning**	**Bayesian Methods**	**Memory I**	**ICCM I**
9:00 AM	**Fitch** - Objective Pursuit Model Improves Machine-based Inference of Latent Motives	**Stevenson** - Bayesian hierarchical factor analysis for model-based psychological research	**Gillespie** - Perception and memory for novel auditory stimuli: similarity, serial position, and list homogeneity	**Sibert** - Decisions in Tetris are Often Hard: Mapping the Difficulty of Decision Points in a Complex, Dynamic Task
9:20 AM	**Trueblood** - Using Cognitively Structured Neural Networks to Investigate Naturalistic Multi-attribute Choice	**Chechile** - New Developments in Distribution-Free Bayesian Analyses	**Kellen** - Extreme-Value Signal Detection Theory for Recognition Memory: The Parametric Road Not Taken	**von Engelhardt** - Predicting human behavior in a robot interruption task using a cognitive model
9:40 AM	**Hasan** - Using Cognitive Models to Facilitate Human and Artificial Intelligence Collaborative Decision Making	**Baroja** - Scalable Bayesian methods for cognitive psychometrics	**Levi** - Evidence from empirical data on how to measure accuracy in recognition memory	**Nagashima** - Model of Anxiety Behavior Based on Time Perception and Anticipation in ACT-R
10:00 AM	**Cox** - From cosine similarity to likelihood ratio: Coupling representations from machine learning with cognitive models	**Cruz** - Reasoning with conditionals: An extended Bayesian mixture model [recorded]	**Doppalapudi** - A test of inhibition as a cause of forgetting	**Hough** - Using Cognitive Models to Test Hypotheses for a Misinformation-related Effect
10:20 AM	Coffee Break			
Session #5	**SYMPOSIUM: Simulation-Based Inference for Computational Cognitive Modeling**	**SYMPOSIUM: Neurocognitive Joint Models: Foundations and Applications**	**Memory II**	**ICCM Symposium: Information and influence operation effects**
10:40 AM	**Radev** - Semi-supervised approaches for robust amortized Bayesian inference	**Turner** - Constraining the Link between Brain and Behavior	**Mohamed** - On the fundamental processes of recognition memory	**Lebiere** - A Cognitive Approach to Belief Formation
11:00 AM	**Bera** - Working memory load modulates speed-accuracy trade-offs	**Nunez** - The costs and benefits of different neurocognitive modeling	**Shiffrin** - Refining the REM model for recognition memory	**Hough** - Unexplored

	in decision dynamics during instrumental learning	structures that use single-trial EEG measures		interactions and cue-based reasoning
11:20 AM	**Kvam** - Machine learning methods for discriminating between diffusion and accumulator models	**Fernandez** - Contrasting Neural Computations Between Value-Based and Perceptual Decision Processes	**Caplan** - A continuum of list-strength effects in recognition memory	**Arakal** - Coherence of Narratives within the Continued Influence Effect Paradigm
11:40 AM	**Wu** - Testing and improving the robustness of amortized Bayesian inference for cognitive models	**Miletić** - Joint models reveal human subcortical underpinnings of choice and learning behaviour	**King** - Piecing Together the Past: How Partial Encoding Affects Recall	**Larue** - Cognitive Modeling for Influence Effects in Individuals
12:00 PM	**von Krause** - Decision caution or self-excitation? An investigation of age effects	**Lasagna** - Single-trial neurocognitive joint modeling: feasibility and translational utility in psychiatric samples	**Cornell** - A unified model of within-list and across-list memory search	**Curley** - Agent-based Modeling, Spread of Information, and Belief Change
12:20 PM	Lunch **Traditions Room** - SMP Executive Board Meeting			
1:40 PM	**Performance Hall** **Keynote - John Anderson**			
2:40 PM	Coffee Break			
Session #6	**Evidence Accumulation I**	**Perspectives**	**Memory III**	
3:00 PM	**Ratcliff** - Modeling Go/No-Go Tasks with Fast Guess Contamination	**Alaukik** - Re-assessing the role of operational definitions in psychology	**Sayadi** - Decoding the Interaction Between Reinforcement Learning and Working Memory	**Bennett** - Using evolution to discover concept learning strategies
3:20 PM	**Chen** - Comparing One-Boundary and Two-Boundary Evidence Accumulation Models	**Regenwetter** - How to Cast and Evaluate Moral Theories as Competing Parsimonious Models of Choice		
3:40 PM	**Schneider** - Temporal-Difference Learning in Uncertain Choice: A Reinforcement Learning-Diffusion Decision Model	**Ashby** - Recent Results in State-Trace Analysis		
4:00 PM	**Performance Hall** **SMP Business Meeting** *Open to all*			
5:00 PM	**Archie M. Griffin Ballroom** **Conference Banquet**			

	Monday, July 28th, 2025 Location: Ohio Union			
8:00 AM	**Traditions Room**: WoMP-PRIME Business Meeting			
	Track I **Performance Hall**	**Track II** **US Bank Theater**	**Track III** **Great Hall A**	**Track IV** **Great Hall B**
Session #7	**Development**	**Planning &** **Dynamics**	**Judgment & Teams**	**Independence &** **Separability**
9:00 AM	**Zhang** - A mixture model accounted for age-related differences in workload capacity	**Sztajnkrycer** - Consequential inconsistency in dynamic decision making	**Brown** - Hackers are (only) human too: exploiting cognitive biases for cybersecurity	**Houpt** - Validating the adaptive design of General Recognition Theory experiments with human participants
9:20 AM	**Hato** - EPIC Data, EPIC Models: Unraveling Cognitive Decline with Large-Scale Diffusion Modeling	**Hotaling** - Toward the cognitive modeling of dynamic decision making	**Hegeman** - Wisdom of the Recalibrated Crowd in Detection of AI-Generated Images	**Bennett** - Processing independence in implicit attitudes: An SFT and GRT analysis
9:40 AM	**Meares** - Investigating Early Language Learning in Transformer-Based Models: Semantic and Syntactic Competence in Scaled GPT-0 Models	**Le** - The effects of complexity on dynamic decision making strategies	**Pleskac** - Modeling the dynamics of subjective probability judgments	**Collins** - Revisiting perceptual separability and independence of circle-line stimuli
10:00 AM	**Schweickert** - Social network analysis of characters in dreams of an adolescent girl	**Nguyen** - Dynamics in preferential decision-making	**Hou** - Context Effects in Team Communication and Decision: Computational Modeling Based on a Non-commutative Probability Theory	
10:20 AM	Coffee Break			
Session #8	**Neural Models**	**Evidence** **Accumulation II**	**Conflict & Control**	**ICCM II**
10:40 AM		**Baker** - Degeneracy in Embodied Choice	**Weigard** - Dissociable Contributions of Goal-Relevant Evidence and Goal-Irrelevant Familiarity to Individual and Developmental Differences	**Gebhart** - Exploring Integrated Co-occurrent and Semantic Mechanisms for Long Term Memory Retrieval

11:00 AM	**Bahg** - A neuro-computational model of visual search explains an attention-related event-related potential	**Mei** - Model Mimicry between the Decision Diffusion Model and the Dual Diffusion Model	**Sharifian** - Reconceptualizing Conflict Processing: A Continuous-Scale Approach to Decision-Making Beyond Discrete Choices [recorded]	**Tomkins** - Hey Pentti, We Did It Again!: Differentiable vector-symbolic types that prove polynomial termination
11:20 AM	**Cao** - A neurocomputational model of temporal cognition	**Saad** - A two-stage drift diffusion model of the sense of agency	**Mistry** - Non-ergodicity of neuro-cognitive mechanisms underlying inhibitory control: The importance of dynamic models of cognition	**Kon** - Model Predictions and Implications for Chasing Subtlety
11:40 AM	**Helie** - Electrophysiological markers of response inhibition in categorization automaticity	**Wang** - Rushed Decisions Rely on Confirmation Bias, Not Less Caution: A New Account of the SpeedAccuracy Trade-Off.		**Ray** - Adapting a Vector-Symbolic Memory for Lisp ACT-R
12:00 PM	Lunch **Traditions Room:** *Computational Brain & Behavior* Editorial Board Meeting **Great Hall B** - ICCM Executive Board Meeting			
1:40 PM	**Performance Hall** **Keynote - Jay Myung**			
2:40 PM	Coffee Break			
Session #9	**Learning & Updating**	**Prediction & Perception**	**Categorization & Representation**	**ICCM Business Meeting**
3:00 PM	**Heathcote** - The Implications of multi-scale fluctuations in ability for reliable measurement	**Kim** - The Uncertainty Trap: Thresholds, Noise, and Time Preference Inconsistency	**Ralston** - Hierarchical representations in instance models accessed via recurrent retrieval dynamics	
3:20 PM	**Bera** - Fast and robust Bayesian inference for modular combinations of dynamic learning and decision models	**Jeong** - Computational modeling of implicit and explicit ensemble perception	**Villarreal** - Out of sample evaluation of a Coupled Hidden Markov model of categorization	**ICCM Business Meeting**
3:40 PM	**Yu** - The Distributional Perceptual Knowledge Mapping Model: Learn Associations in the Mental World			

|	Tuesday, July 29th, 2025 Location: Ohio Union
	Senate Chamber (Second Floor)
	ACT-R Workshop
9:00 AM	**Session 1: Theory Validation** Topics: Formal theory evaluation methods, future architecture developments Talk: Joseph Houpt and Othalia Larue – Using systems factorial technology for global model analysis of ACT-R's core architectural assumptions Panel: Alex Hough, Ion Juvina, Christian Lebiere, David Peebles, Rob Thomson
10:15 AM	Break
10:30 AM	**Session 2: Alternative Theories** Topics: AI theories of cognition, criteria for evaluation of unified theories of cognition Talk: Mark Orr – Centaur: a foundation model of human cognition Panel: John Anderson, Kevin Gluck, Peter Pirolli, Frank Ritter, Andrea Stocco
11:45 AM	Lunch
1:00 PM	**Session 3: Hybrid Theories** Topics: Neuro-symbolic architectures, integrated cognitive systems Talk: Christian Lebiere – Integrating cognitive architectures and generative models Panel: Chris Dancy, Mary Kelly, Catherine Sibert, Robert West
2:15 PM	Break
	Session 4: Future of ACT-R Topics: Software implementations, model applications, community governance Talk: Andrea Stocco – Toward an open-source ecosystem for ACT-R Panel: Dan Bothell, Mike Byrne, Drew Cranford, Chris Myers, Nele Russwinkel, Dario Salvucci, Hedderik van Rijn
3:45 PM	Break
4:00 PM	Open Discussion

Ohio Union - First Floor

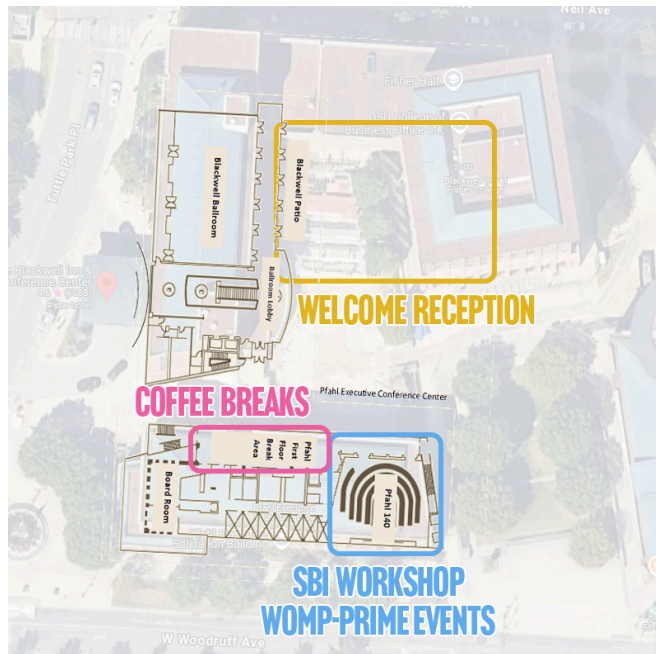Performance Hall, US Bank Conference Theater, Great Hall meeting rooms, registration desk
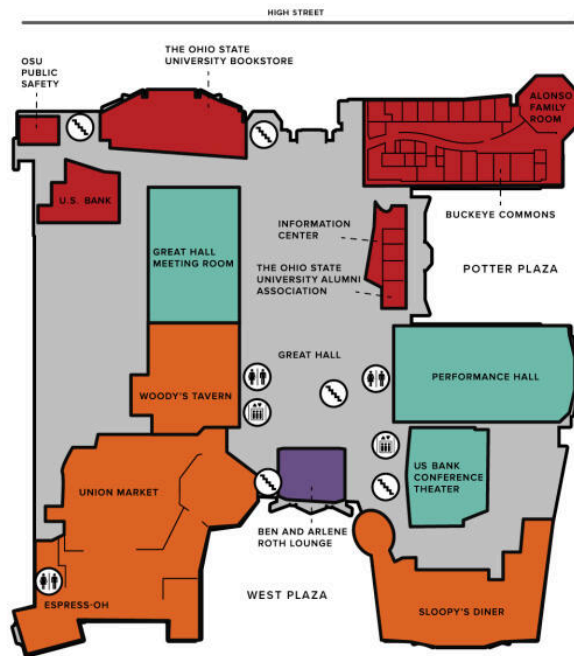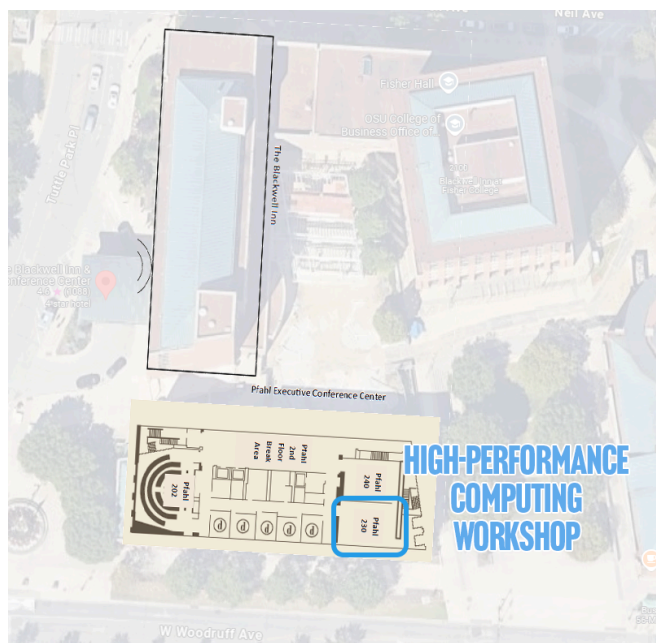

Ohio Union - Second Floor

Traditions Room (board meetings), Archie M Griffin Grand Ballroom (banquet, posters), and Senate Chamber (ACT-R workshop)

Blackwell Inn & Conference Center
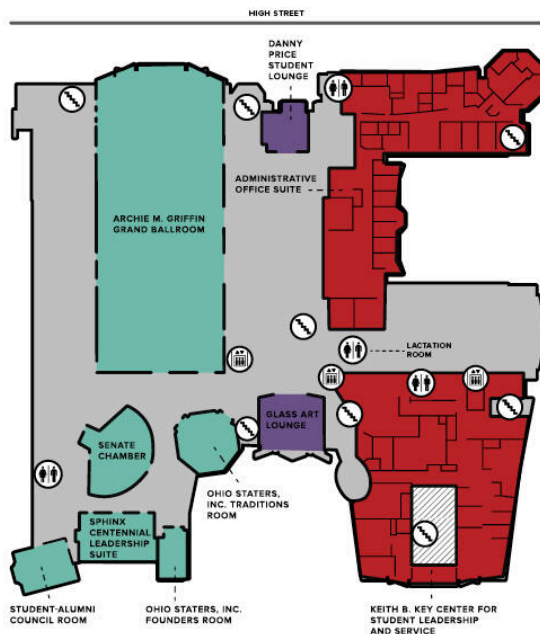
Level 1

Level 2

Posters (Saturday, July 26, 5:30-7:30 PM)

Poster #	Presenter	Title
1	Chen	Using General Recognition Theory to explore the role of symmetry in processing lines
2	Strickland	An adaptive evidence-accumulation model of conflict detection decisions
3	Gao	Using composite likelihood for hierarchical diffusion model sample size planning: A comparison between Stan and BayesFlow
4	Kahn	Enhancing Dyslexia Diagnosis with Multisensory Pseudoword Mask Assessment
5	Cook	Cognitive resource competition in multimodal multitasking: Effects of visual search on auditory working memory
6	Keller	The Cognitive Processes Behind Stereotype Threat In Gender- Stereotyped Domains: A Diffusion Model Analysis Of Information Uptake And Response Tendencies
7	Wang	Integrating gaze information into models of multiattribute pricing
8	Zhao	Collapsing boundary illusion: disentangling evidence representations and decision boundaries in evidence accumulation models
9	Marina	Social Value Orientation (SVO) for Future Generations —— Comparison Between Imagining Others 40 Years in the Future and Imagining General Future Generations
10	Iwata	The discrepancy between actual and expressed opinion distributions on selective marital surname systems

11	Kashihara	Does the Presence of Immigrants Increase Perceived Threat? An Analysis Using Experimental Games and Decision-Making Models
12	Gu	Testing the Reliability of Lexical Reliance Tasks Using Generative Modeling
13	Conway	Correlated valuations as a mechanism for the repulsion effect
14	Zuo	A hierarchical Bayesian Model for spatial recall
15	Johnson	Statistical Learning: The Role of Implicit Structures and their Influence on Memory and Preference for Melodies Over the Time-Course of Learning
16	Shimizu	Constructing a pragmatic axiom for probabilistic logic.
17	Baradaran	Is clustering enough? A study of visual perception in solving non-metric traveling salesman problems
18	Moon	Using RT models to extract word frequency in the lexical decision task
19	Lee	The Repetition Effect Through the Lens of Event Segmentation
20	Yang	Assessing Two Common Priors of Covariance in Hierarchical Designs
21	Tsai	Systems factorial technology provides new insights on human-AI collaboration in deepfake detection decisions

22	Devine	Evaluating Audiovisual Processing Strategies in Younger and Older Adults
23	Silvas	Applied color perception on cognition and decision-making in search detection tasks
24	Mahdinia	Sense of Agency: Towards Empirically Driven Measures and Understanding
25	Ryan	Modeling cooperation in a dyadic puzzle task
26	Burns	Phonological similarity in free and serial recall
27	Radev	BayesFlow Neo: Fast and Flexible Amortized Bayesian Inference for Everyone
28	Chavez De la Pena	EZ Cognitive Psychometrics: Bayesian hypothesis testing with the EZ diffusion model
29	Doh	The role of memory in multi-attribute choice
30	Khan	100 or 20 Shades of Gray: A Theory of Discretization
31	Bartlett	Testing a Formal Procedure for Measuring the Perceived Similarity between Stacked Bar Graphs
32	Ross	A Formal Account of Parainformative Category Learning Performance Across Seven Exposure Time Windows

33	Aytac	Testing Competing Accounts of the Test Position Effect in Recognition Memory
34	Cai	Mapping context effects across preference, perception, and belief-based judgments
35	Bera	Fast and robust Bayesian inference for modular combinations of dynamic learning and decision models
36	Boegemann	Subject and target influences on social memory â€" a cognitive modeling approach
37	Cappiello	Who am I playing with? Exploring a New Model of Social Categorisation in Mentalisation
38	G. Alhama	Simulating the Emergence of Human-like Languages: Neural Network Agents Develop (near-)Optimal Kinship Terminology
39	Tehranchi	Simulating Human Cognition in Abacus Gestures Learning: An ACT-R with Vision/Motor and PyIBL Approach
40	Aagarwal	Beyond Proximity: Incorporating Alignment in ACT-Râ€™s Visual Grouping
41	Raghuveer	Active Inference and Psychology of Perception: A Critical Study
42	Heinrich	Towards a Bayesian Cognitive Model of Self-Belief Updating
43	Killian Jr	Rule Extraction from Large Language Models within the Clarion Cognitive Architecture

44	Lo	Modeling False Recognition in the Deese-Roediger-McDermott Paradigm: An Approach Using Holographic Declarative Memory
45	Eckler	Preserving Cognition Through Systems Segregation: A Neural Model of Dedifferentiation and Performance Decline
46	Conway-Smith	Metacognitive Mechanisms of the Attentional Training Technique
47	Pyeon	Refining Memory Retrieval Models in a Dynamic Multi-Object Environment: Integrating Entropy and Observation Duration
48	Chona	Scaper: A Static Code Analyzer for Production System Architectures
49	Tanwar	Evaluating communication between Cognitive architectures and environments
50	Dulam	Towards a socio-cultural perspective on Human-AI cooperation with PigChase Task
51	Workman	Building an Experimental Scatter/Gather AGI to Model the Feature Engineering Literature Review Process in ACT-R and Understand Inlets of the Biocentric Man
52	Baker	Degeneracy in Embodied Choice
53	Sibert	Improving Dynamic Causal Modeling in Theory-Driven Task fMRI: Do Low-Frequency Oscillations Enhance the Capture of Neural Dynamics?
54	Barradas Chacón	Mental Demand without brain signals: a practical approach to modeling the N-Back task

55	Russwinkel	Visions Remembered – Using a Vision-Language Model To Set and Recall Image Impressions in the Memory of a Cognitive Model