

ACT-R Workshop 2023 Draft schedule

The 30th Annual ACT-R Workshop will take place on Tuesday July 18, 2023 as part of the MathPsych/ICCM conference. Virtual attendance is possible and the workshop will be recorded. Times listed are Amsterdam local time (Central European Summer Time).

9:00 Architecture

John Anderson	Stitching Fragments of Model Runs
Niels Taatgen	Understanding Intelligent Behavior through Cognitive Skills
Alex Hough	Challenges and Strategies for Extending ACT-R Visual Perception

10:30 Break

11:00 Extensions

Anthony Harrison	GPT-Jass : A Text-to-model Pipeline for ACT-R Models
Nicolas Turcas	Does ACT-R Have a Type? Formatting Declarative Memory
Dan Bothell	Future of ACT-R Update

12:30 Lunch

2:00 Personalization (8:00am EDT)

Patrick Rice	Hierarchical, multi-feature visual grouping processes for ACT-R
Michael Collins	Hierarchical Approximate Bayesian Computation with ACT-R: A preliminary examination
Edward Cranford	Adaptive Phishing Training for Simulation Campaigns: Combining ML with Cognitive Models

3:00 Break

3:20 Applications (6:20am PDT)

Prashanth Rajivan	Are IBLs System-1? Analysis of phishing decisions using models of instance based learning and natural language processing
Jerry Ball	Overriding and Type Shifting in Double R Grammar
Peter Pirolli	Towards Population-Scale Models of Pandemic Attitudes and Behaviors
Andrea Stocco	Fitting ACT-R Models Using Trial-by-Trial Maximum Likelihood

5:00 Open Discussion

6:00 Opening Reception