# 2024 ACT-R Workshop Schedule

The 31st Annual ACT-R Workshop will take place on Tuesday July 23, 2024 as part of the MathPsych/ICCM conference. Virtual attendance is available at this zoom link: https://cmu.zoom.us/j/96343815883?pwd=hrNcWS1KtnXFzAR2PZItE3aTHQBqA0.1 Recordings of the workshop will be made available. Times listed are Netherlands local time (Central European Summer Time). Contact cl@cmu.edu with comments and inquiries.

**10:00  Memory and Individual Differences 1**
Maarten van der Velde & Hedderik van Rijn
Predicting Longer-Term Retention from Learners' Retrieval Practice Performance
Yu-Hsiang Tseng & R. Harald Baayen
Investigating forgetting curves with learning rule-derived interferences
Holly Hake    Speed of Forgetting: A Computational Biomarker and Early Indicator for Memory Impairment

**11:20  Break**

**11:40  Memory and Individual Differences 2**
Anais Capik    Model-Based Characterization of Forgetting in Children and Across the Lifespan
Andrea Stocco & Christian Lebiere
A free-energy interpretation of the spacing effect
Edward A. Cranford, Katherine Judy, Connor Manion, Weiss O'Connor, Katherine Mortimore & Kevin Gluck    Using the ACT-R Architecture to Explain Individual Differences in Cognitive Stress Response

**13:00  Lunch**

**14:00  Applications**
Nele Russwinkel
Cognitive Models for Human-Aware AI
Alex Hough & Othalia Larue
Modeling misinformation-related effects: Successes and challenges
Robert Thomson & Christian Lebiere
Comparing Similarity and Homophily-Based Cognitive Models of Influence

**15:30  Break**

**16:00  Architecture**
David Peebles Modelling the effect of prioritisation on recall in visual working memory
Meera Ray    Adapting Holographic Declarative Memory for a Disaster Agent
Dan Bothell    Future of ACT-R