

2022 ACT-R Workshop Schedule Draft

Wednesday July 27 – 10am to 5pm ET

MathPsych/ICCM conference, Toronto, Canada

Remote attendees should contact Christian Lebiere (cl@cmu.edu) or Dan Bothell (db30@andrew.cmu.edu) for Zoom link information

Session 1	10:00 – 11:20
Lynne Reder	A new conception of working memory resources
Patrick Rice	Context is everything: possibilities for a larger role of spreading activation in ACT-R
Robert Thomson	In defence of chaining theories: robust spreading activation through buffer decay
Break	11:20 – 11:30
Session 2	11:30 – 12:50
Nele Russwinkel	Models of anticipatory thinking
Cher Yang	Motivation and effort allocation in ACT-R
Holly Hake	Practical neurocomputational modeling of memory decline for improved evaluation of cognitive impairment
Lunch	12:50 – 2:00
Session	2:00 – 3:20
Andrea Stocco	Creating ACT-R models by training
Alex Hough	Exploring analogical reasoning capabilities within a cognitive model
Christian Lebiere	Structural matching and similarity learning
Break	3:20 – 3:30
Session 4	3:30 – 5:00
Robert West	GACTAR: A tool for creating & running basic ACT-R models on multiple implementations using a single declarative file format
Dan Bothell	ACT-R updates
All	Open Discussion