

ACT-R Workshop Schedule Draft

Each session (but the last) consists of 3 20' talks (15' presentation + 5' Q&A) followed by a wide-ranging 20' discussion around the session topic.

9:00am Session: Learning and Transfer in Complex Environments

John Anderson – Transfer of Cognitive Skills

Frank Ritter, Farnaz Tehranchi, and Jacob Oury – Using a Model to Predict Learning and Retention in a Large Study of a Complex Task

Christian Lebiere and Edward Cranford – Decision Making in the Presence of Deceptive Signals

10:20am Break

10:40am Session: Neural and Perceptual Embodiments

John Lindstedt and Michael Byrne – Simple Agglomerative Visual Grouping for ACT-R

Patrick Rice and Andrea Stocco - Using TMS to Test the Associations between ACT-R Modules and Cortical Regions

Andrea Stocco - ACT-R as a Model for the Brain's Functional Connectivity: Insights from the Human Connectome Data

12:00pm Lunch

1:30pm Session: Human Machine Interaction

Greg Trafton – Two Models of Social Influence

Sterling Somers – CogXAI: Cognitively eXplainable Artificial Intelligence

Nele Russwinkel - Developing a Concept of an Active Self through Natural Interaction

2:50pm Break

3:10pm Session: Future of ACT-R

Dan Bothell – Software Updates

Everyone – Open Discussion

4:30pm Adjourn