

Workshop Agenda – May 20-22, 2026



Spring 2026 Special Workshop on the Futures of Cognitive Architectures and the ACT-R Ecosystem

This special 3-day workshop is in the tradition of the Post-Graduate Summer Schools held in 2001, 2011, and 2016 to chart the path forward for the ACT-R cognitive architecture. Topics include community issues such as incentives for contributions, sustainable funding, and governance structure, as well as technical issues such as scalable implementations, alternative workflows, and application to other disciplines. The goal of the workshop is to elaborate actionable plans for future growth. The format will encourage active engagement: presentations to frame issues, facilitated discussions, brainstorming in breakout groups, and collaborative working sessions. Morning sessions will be available remotely while afternoon sessions will be in-person only.

Zoom Link: TBD

Wednesday, May 20, 2026

8:30—9:00

Arrival, Coffee, Conversations

9:00—9:10

Introduction to the Workshop Goals

9:10—10:20

The POSE Project: Overview of interviews, findings, and recommendations

10:40—12:00

The Future of ACT-R: Opportunities and challenges for cognitive architectures

12:00—1:30

No-Host Lunch

1:30—2:30

IHMC Lab Tour and Discussions (Healthspan, Resilience, and Performance)

Interactive tours paired with small-group discussions of ongoing research and collaboration opportunities

2:30—3:30

Breakout Sessions

Topics including community engagement, funding models, and governance structures

3:50—5:00

Plenary Session: Breakout reports and elaboration of recommendations

No-Host Dinner



Institute for Human and Machine Cognition
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Pensacola, FL 32502

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Thursday, May 21, 2026

8:30—9:00

Arrival, Coffee, Conversations

9:00—9:50

Alternative Workflows: Opportunities and challenges in other disciplines

10:00—10:50

Breakout Sessions

*Topics including application clusters of cognitive models in other disciplines:
AI, robotics, human machine teaming, social sciences, education, neuroscience,
human performance, physiology, HCI, decision making, behavioral economics, and cybersecurity*

11:00—12:00

Plenary Session: Breakout reports and elaboration of recommendations

12:00—1:30

No-Host Lunch

1:30—2:30

IHMC Lab Tour and Discussions (Robotics/Exoskeletons/Human-Machine Teaming)
Interactive tours paired with small-group discussions of ongoing research and collaboration opportunities

2:30—3:20

ACT-R Software: Successes and challenges of open-source ecosystems

3:30—3:50

Breakout Sessions

Topics including implementation strategy and framework, and community contributions

4:00—5:00

Plenary Session: Breakout reports and elaboration of recommendations

No-Host Dinner

Workshop Agenda – May 20-22, 2026



Friday, May 22, 2026

8:30—9:00

Arrival, Coffee, Conversations

9:00—10:20

Taking Stock: Synthesis of findings and recommendations

10:40—12:00

The Way Forward: Plans for future activities

No-Host Lunch

Optional Afternoon Excursion to [Pensacola Beach](#)

Saturday, May 23, 2026

Optional Day After Group [Kayaking on the Blackwater River](#)