

AAAI MASST Spring Symposium Schedule

DRAFT: 1 April 2026

Tuesday, April 7

7:30 Breakfast at conference hotel

Opening Session

9:00 Jeff Bradshaw, Welcome, introductions, and overview

9:15 Henry Lieberman, MIT CSAIL, USA

Aladdin's Lamp: Be Careful What You Wish For

9:40 Christopher Noessel, Independent Author and Design Practitioner, USA

Deskilling and Overreliance: Two Long-Term Risks of AI Assistance, and What Designers Can Do About Them

10:05 Discussion

10:30 Break

Session 1

11:00 Salvatore Hargis and Martijn IJtsma, The Ohio State University, USA

Design and Analysis of Multi-Agent System Architectures to Accommodate Emergent Behavior

11:25 Maarten Sierhuis and Rachna Dhamija, Ejenta

From Space and Autonomous Vehicles to Healthcare: Engineering Safety in Autonomous Multi-Agent Systems for Heart Failure

11:50 Azam Khan and Simon Breslav, Trax, Canada

Explainable Agency within Team Cognition for Regulated Domains

12:15 Panel Discussion led by Maarten Sierhuis

12:30 Lunch

Session 2

2:00 David D. Woods, The Ohio State University, USA and Gary Klein, Macrocognition, USA

Essential Coordinative Competencies for Human-Agent Joint Activity

2:45 Jeffrey M. Bradshaw, Nicolò Romandini, Larry Bunch, Rebecca Montanari, James Lott, William de Beaumont, Jairun Diemert, Matt Johnson, and Andrzej Uszok, Institute for Human and Machine Cognition (IHMC), USA, and University of Bologna, Italy

Trust, Policy, and Teamwork: The Missing Layers in Standards for Multi-Agent System Interoperability

3:10 Discussion

3:30 Break

Session 3

4:00 Ted Selker, University of Colorado, USA

A Community of Large Language Models

4:25 Kathryn Louise Sughero, Hogan Gill, and Miles Thompson, Sughero Systems, USA

CHURPRIMO: A Phase-Aware Coherence Engine for Runtime Governance of Agentic Systems

4:50 Samuel Addington, California State University Long Beach, USA

Constitutional Coordination: Principles for Safety and Deconfliction in Autonomous Red Teaming Swarms

5:15 Panel discussion led by Ted Selker

5:30 Reception

MASST Dinner out

Wednesday, April 8

7:30 Breakfast at conference hotel

Session 4

9:00 David D. Woods, *The Ohio State University*, and David Alderson, *Naval Post Graduate School*
Coordinating-First or Coordination-Last? AI Agents in Joint Activity with Human Roles

9:35 Michael A. Goodrich, *Brigham Young University, USA*, and Julie A. Adams, *Oregon State University, USA*
Reframing the Human-Robot Ratio: Collaborative Autonomy and the Attention-Demand Economy

10:10 Discussion

10:30 Break

Session 5

11:00 Matthias Scheutz, *Tufts University, USA*
Bridging Cognitive Robotics and Generative AI Protocols

11:25 Mufti Mahmud, *King Fahd University of Petroleum and Mining (KFUPM), KSA*
Privacy-Preserving Multi-Agent Systems for Human-Centered Inclusive Healthcare AI

11:50 Michael Prietula, Jeffrey M. Bradshaw, Larry Bunch, Edward Queen, and Brent Venable, *IHMC, USA*,
and *Emory University, USA*
Multi-Agent Systems in Healthcare: Agency, Ethics, and Trust in AI

12:15 Panel discussion led by Matthias Scheutz

12:30 Lunch

Session 6

2:00 Christopher Simpkins and Nicholas T. Hodge, *Kennesaw State University, USA*
Behavior Alignment Learning Agents

2:25 Yiran Zhao, *National University of Singapore, Singapore*; Zhaochen She, Pu Zeng, and Mohan Zhang,
Antigma Labs, Singapore and USA
Collective Self-Modeling via Mutual Belief Probing: Toward Emergent Metacognition in Multi-Agent LLM Systems

2:50 J. Gray Cox, *College of the Atlantic*
Dialogical Reasoning as a Principle for Multi-Agent System Safety: Lessons from Peace Studies

3:15 Panel Discussion led by Christopher Simpkins

3:30 Break

Group Breakouts

4:00 Preparation for plenary and group synthesis presentations

5:30 Plenary

MASST Dinner out

Thursday, April 9

7:30 Breakfast at conference hotel

Group Synthesis Presentations

9:00 Group 1 and 4 Presentation and Discussion

9:30 Group 2 Presentation and Discussion

10:00 Group 3 Presentation and Discussion

10:30 Group 5 Presentation and Discussion

11:00 Group 6 Presentation and Discussion

11:30 Closing Remarks (Jeff, Mike, and Mufti)

12:00 Workshop adjourned