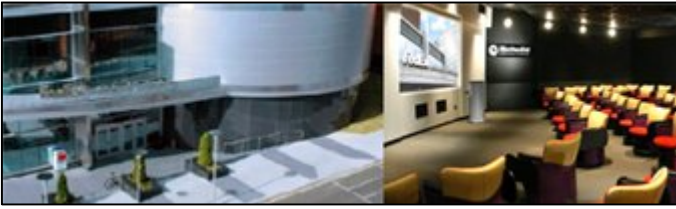


The First Conference on Artificial General Intelligence (AGI-08)

March 1-3, 2008, Memphis, Tennessee, USA

Paper Submission Deadline: Oct 15, 2007

In Cooperation with AAI - www.agi-08.org



FedEx Institute of Technology, University of Memphis

The field of Artificial Intelligence (AI) was initially directly aimed at the construction of “thinking machines” – that is, computer systems with human-like general intelligence. But this task proved very difficult, and so as steps in this direction, AI researchers focused on producing AI systems displaying intelligence regarding specific tasks in relatively narrow domains. In recent years, however, the situation has been changing. More and more researchers have recognized the necessity – and feasibility – of returning to the original goals of the field. Increasingly, there is a call for a transition from the current focus on highly specialized “narrow AI” problem solving systems, back to confronting the more difficult issues of “human level intelligence” and more broadly “artificial general intelligence (AGI).”

The purpose of the AGI-08 conference is to gather together academic and industry researchers who are doing serious scientific and engineering work aimed directly toward the goal of artificial general intelligence. By putting our minds together, we will be able to move yet more rapidly toward the creation of new and powerful artificial minds.

Topics will include

(but are not restricted to)

- Foundations and Theory of AGI
- The Role of Embodiment in AGI
- Key Enabling Applications for AGI
- Management of Complex Goal Structures
- Lifelong and Multi-Strategy Learning
- Case-by-case Problem-Solving
- AGI-based Natural Language Processing
- Connecting Sensorimotor and Concept-level Cognition
- Coherence of Integrative/Hybrid AGI Systems
- Evaluation and Comparison of AGI Projects

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