

ICMAS Overview

- ICMAS (International Conference on Multi Agent Systems)
2 yearly, 4th Conf., 3 days
42 papers, 28 posters, 4 invited talks, panel
- ATAL (Agent Theories Architectures and Languages)
yearly, 7th conf., 2.5 days
22 papers plus 1 invited talk
- CIA (Co-operative Information Agents)
4th conf., 2.5 days.
- MABS (Multi Agent Based Simulation)
2nd conf., 1.5 days
- GTDT (Game Theoretic and Decision Theoretic Agents)
2nd conf., 1 day
- Robocup Rescue: 1 day
- TAC (Trading Agent Competition): 1 day

ICMAS Topic Groupings

- Teams and Coalitions (8)
- Mechanisms (7)
- Negotiations (4)
- Learning (4)
- Multi-Agents in Practice (4)
- Auctions and Markets (4)
- Social Reasoning and Organisation (4)
- Communication and Interaction (3)
- Agent Models (2)
- Argumentation (2)

Invited Talks ICMAS & ATAL

- Tom Malone (MIT) Future of Agents
- Hiroaki Kitano (Sony) Robocup Rescue
- Barbara Grosz (Harvard) What's needed to Build Team Players
- Michael Wooldridge (U. of Liverpool) Computationally Grounded Theories of Agency
- Craig Boutilier (U. of Toronto) Structured Solution of Decision Theoretic Planning Problems (abstraction of MDP's)

ATAL

- Agent Theories (5)
- Development Tools and Platforms (4)
- Agent languages (4)
- Communication & Coordination Models (3)
- Autonomy and Coordination (3)
- Planning, Decision Making, Learning (3)

ATAL Award Papers

- "Delegation and Responsibility",
Timothy J. Norman and Chris Reed
- "Agent Programming with Declarative Goals",
Koen Hindricks, Frank de Boer, Wiebe van der Hoek and John-Jules Meyer

Themes

- Object Oriented vs Agent Oriented
- E-Commerce and the WWW
- Agents in open vs closed systems
- Discussion of ICMAS 2002 in Melbourne?
- Discussion of ICMAS joining with Autonomous Agents?

Recommended Papers

- (2) "Adaptive Agent Integration Architectures for Heterogeneous Team Members" Milind Tambe, David V Pynadath, Nicolas Chauvat, Abhimanyu Das and Gal Kaminka (ICMAS)
- "An Extension of UML by Protocols for Multiagent Interaction" Joerg Mueller, Bernhard Bauer and James Odell (ICMAS)
- "Believing Others: Pros and Cons" Sandip Sen, Anish Biswas and Sandip Debnath (ICMAS)
- "Robocup Rescue: A Proposal and Preliminary Experiences" Ranjit Nair, Takayuki Ito, Milind Tambe and Stacy Marsella (Robocup)
- "An Architectural Framework for Integrated Multiagent Planning, Reacting and Learning" Gerhard Weiss (ATAL)