Programming Multi-Agent Systems
(ProMAS ’05)

Bordini/Dastani/Dix/ElFallah
Durham/Utrecht/Clausthal/Paris

July 26\textsuperscript{th}, 2005
Dagstuhl ’02: Dix/Fisher, *Multi-Agent Systems based on Logic*
Amal had the idea of broadening the scope to
*Programming multi agent systems.*
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Submissions correlate with the size of the PC
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Future

AAMAS ’06: ProMAS ’06 in planning
Future

**AAMAS ’06:** ProMAS ’06 in planning

**JAOSE:** Journal of Agent Oriented Software Engineering, 1st issue out in early 2006, 3rd issue will be a special issue for ProMAS
TU Clausthal

Session 1: 9.00-10.30, Chair: Jürgen Dix

- INVITED TALK: Michael Fisher (Liverpool)
  Programming Dynamic Agent Organisations,

- Caroline Chopinaud, Amal El Fallah Seghrouchni and Patrick Taillibert:
  Dynamic Self-Control of Autonomous Agents
Session 2: 11.00-12.30, Chair: Amal El-Fallah

- Matteo Baldoni, Guido Boella and Leendert van der Torre: Bridging Agent Theory and Object Orientation: Importing Social Roles in Object Oriented Languages
- Pradeep Varakantham, Rajiv Maheswaran and Milind Tambe: Implementation Techniques for Solving POMDPs in Personal Assistant Domains
- Oliver Obst: Using a Planner for Coordination Of Multiagent Team Behavior
- Juan M. Serrano, Sascha Ossowski and Sergio Saugar: Reusability issues in the instrumentation of agent interactions
Ichiro Satoh: Organization and Mobility in Mobile Agent Computing
Michael Winikoff: An AgentSpeak Meta-Interpreter and its Applications
Lars Braubach, Alexander Pokahr and Winfried Lamersdorf: Extending the Capability Concept for Flexible BDI Modularization
Anthony Barrett: A Model-Based Executive for Commanding Robot Teams
Christopher Cheong and Michael Winikoff: Hermes: Implementing Goal-Oriented Agent Interactions
Session 4: 15.15-17.00, Chair: Mehdi Dastani

- Alessandro Ricci, Mirko Viroli and Andrea Omicini: Programming MAS with Artifacts
- Jorge J. Gómez-Sanz and Juan Pavon: Implementing Multi-Agent Systems Organizations with INGENIAS
- Mengqiu Wang, Mariusz Nowostawski and Martin Purvis: Declarative Agent Programming Support for a FIPA-Compliant Agent Platform