PAAM 2000
PROCEEDINGS

The Fifth International Conference on
The Practical Application of
Intelligent Agents and
Multi-Agent Technology

The Crowne Plaza Midland Hotel
Manchester UK
10th-12th April 2000

Proceedings of the Fifth International Conference on the Practical Application of Intelligent Agent and Multi Agent Technology

Conference Organisation

The Practical Application Company

Conference and Programme Chairs

Jeffrey Bradshaw

Geoff Arnold

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Welcome to the Fifth International Conference on the Practical Applications of Intelligent Agents and Multi-Agent Technology, PAAM00. As was the case with previous meetings, its aim is to bring together, from all over the world, academics and industrialists working on the practical and industrial application of multi-agent and autonomous agent systems. Hence, this series of conferences have unashamedly sought applications and tools-oriented type contributions in preference to speculative and theoretical ones.

The proceedings contains papers which cover a broad range of areas including personal assistants, architectures and testbeds, operational support systems, service and enterprise integration, information access, planning and resource allocation, and a wide variety of industrial applications.

We appreciate the participation of our invited speakers. Bob Gray of Dartmouth College, who is well known for his pioneering work in mobile agent systems and applications, opens the conference with a talk entitled "Soldiers, Agents, and Wireless Networks: A Report on a Military Application." Rick Frey of DaimlerChrysler follows later in the day with his talk "A Day in the Life of an Agent Developer," which will provide a practical perspective on the use of agents in developing distributed systems. On Tuesday, we'll open the day with a talk from the distinguished agent researcher Nick Jennings of the University of Southampton, who will speak on "Automated Haggling." That afternoon Charles Petrie, Executive Director of the Stanford Networking Research Center, will present his unique perspective on "Agent-Based Software Engineering."

On Wednesday, our tutorial presenters include Bob Gray (Agent Mobility: Performance, Security and a Case Study) and Martha Kahn and Philip Sage, who will give a developer's overview of the DARPA Agent Grid. We also have one panel entitled "How practical are current agent development approaches?"

We would like to thank the program committee listed on the following page for their assistance in reviewing and selecting the submitted papers. We are indebted most of all to the authors of the papers themselves, especially those who endured the inevitable glitches in the reviewing process.

Finally, we thank the Practical Application Company for their continued support and organization of the PAAM series of conferences.

We hope you enjoy the conference and these proceedings.

Jeff Bradshaw
Geoff Arnold