Mini-track on Multi-Agent Systems, Internet & Applications
Software Technology Track
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The distributed, large-scale, and dynamic nature of the Internet has created the need for new technologies that will allow users and application developers to harness its potential. This is especially so in emerging applications areas such as electronic commerce, virtual enterprises, component-based software & networked computing, and network management. Of late, multi-agent approaches, which let disparate agents with differing capabilities interact to solve some problem, have been proposed as the technology which can help harness the potential of the Internet. Such approaches typically allow for scalability, permit software reuse, handle software evolution and promote open systems. This mini-track focuses on multi-agent systems as they apply to the internet infrastructure in general, and to networked computing, electronic commerce, and internet-based applications in particular. The issues defining the mini-track theme include:

- Multi-agent Systems and Distributed Data Mining
- Multi-agent systems for information fusion and integration
- Communication and ACLs for Multi-agent Systems
- Negotiation, Cooperation and Competition in Multi-agent Systems

The accepted papers reflect these issues and considerations.

- Multi-agent Systems for Electronic Commerce & Virtual Enterprises
- Multi-agent Systems for Networked Computing & Component Oriented Computing