

# Call For Papers

## 2<sup>nd</sup> International Workshop on Agent-Based Computing for Enterprise Collaboration

as a part of the

*Workshops on Enabling Technologies: Infrastructures  
for Collaborative Enterprises (WETICE 2004)*

June 14-16, 2004, University of Modena, Italy

### Overview:

The autonomy and intelligence of software agents have greatly enhanced automation in many operational domains. A major benefit of using agents is the ability to assist in the collaboration of humans and software mechanisms, alike. Agent-enacted collaboration can be extremely helpful in areas such as *Computer Supported Collaborative Work, Workflow and Supply Chain Management, Automation in Virtual Enterprises, and Automated Distributed Component Composition*. The purpose of this workshop is to explore research where protocols for agent control can benefit these domains of collaboration. We also are interested in work that explores competition among agents that interact.

This workshop on Agent-based Computing for Enterprise Collaboration (ACEC 2004) is a continuation of an earlier workshop at WETICE 2003 held in Linz, Austria. ACEC 2004 intends to bring together researchers and practitioners to discuss the key issues, approaches, open problems, innovative applications, and trends in this research area. We enthusiastically solicit papers that address agent-mediation and management of services and/or products of on-line businesses.

### Web Site

<http://www.agentgroup.unimo.it/WETICE-ACEC04/>

### Submissions:

Papers should contain original contributions not published or submitted elsewhere, and references to related state-of-the-art work. Authors of accepted papers are expected to present their papers at the workshop. Papers up to six pages (including figures, tables and references) can be submitted. Papers should follow the [IEEE format](#), which is single-spaced, two columns, 10pt Times/Roman font. Papers should include a title, the name and affiliation of each author, an abstract of up to 150 words and no more than eight keywords. Please submit papers, in PDF or PS format, to either of the Co-Chairs of the Program Committee by March 1, 2004. All submitted papers will be peer-reviewed by a minimum of three program committee members. The accepted papers and the summary report produced by each group will be published in the post-conference proceedings (to be published by the IEEE Computer Society Press).

### Important Dates:

Deadline for paper submission:	March 1, 2004
Decision to paper authors:	April 12, 2004
Final version of accepted papers	May 21, 2004
Conference Dates	June 14-16, 2004

### Agent Computing for Collaborative Electronic Markets

- Agent-mediated workflow, supply chain, or virtual enterprises
- Agent-based collaboration and communication languages
- Methodologies, languages and tools to support agent collaboration
- Software agent architectures for B2B or B2C collaboration
- Industrial applications using agents for on-line collaboration
- Incorporation of Agents in B2B document and interchange standards
- Protocols and modeling for Agent-mediated collaboration
- Applications for integrating e-markets, Internet, etc.

### Agent-to-Human Collaboration

- Interface or Middle Agents to Support Business Collaboration
- HCI Design issues for Collaborative Agents
- New Paradigms for Agent-to-Human Interactions
- Industrial applications using proxy agents in Enterprise Collaboration

### Co-Chairs:

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