

Call for Papers

The **Second** IEEE International Workshop On
Peer-to-Peer Computing and Autonomous Agents

P2PAA 2007

SILICON VALLEY, November 2-5 2007, USA

Co-Located with IEEE/WIC/ACM International Joint Conference on
Web Intelligence and Intelligent Agent Technology (WI-IAT'07)



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Autonomous agents and Peer-to-Peer (P2P) computing are attracting enormous attention world wide. In P2P systems a very large number of autonomous computing nodes (the peers) pool together their resources and rely on each other for data and services. The main aim of the P2P Computing and Autonomous Agents Workshop is addressing the needs for autonomous agents that support self-organization of highly autonomous peers, load balance, routing, etc. The Workshop seeks papers describing significant research contributions to the field of P2P and Autonomous agents. Paper submissions are invited on Autonomous Agents techniques for P2P computing, Services in P2P and autonomous agent systems and Grid computing solutions based on autonomous agents and P2P paradigms. Areas of interest include, but are not limited to:

- Autonomous agents and query languages for P2P systems
- Data placement and query answering in P2P systems
- Transaction management for P2P systems
- Autonomous peers and Semantic Web
- Self-organization and emergent behavior in P2P systems
- P2P information retrieval architectures
- Resource allocation in P2P systems
- Coordination, robustness and adaptability in P2P systems.
- Autonomic Services in P2P systems
- P2P Grid Computing
- Services in P2P systems
- Knowledge Discovery and P2P Data Mining Agents
- P2P oriented information systems
- Security issues in P2P networks

Important Dates

Electronic submission of full papers:	June 20, 2007
Notification of paper acceptance:	August 2, 2007
Camera-ready of accepted papers:	August 17, 2007
Workshops:	November 2-5, 2007

Submissions

Papers in P2P and autonomous agents related areas are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity. Note that P2PAA'07 will accept **ONLY** on-line submissions, containing PDF versions. Paper submissions should be limited to a maximum of 4 pages in the IEEE 2-column format; extra payment is only available for one more extra page. Submitted papers will be reviewed by the Program Committee members. Please use the Submission Form on the P2PAA'07 website to submit your paper. Accepted papers will be published in the workshop proceedings by the IEEE Computer Society Press.

General Inquires

For more detailed and updated information, please refer to:
http://www.ccse.kfupm.edu.sa/~helmy/P2PAA07_WI.html

For further information, please contact the **Workshop Chairs**:
helmy@kfupm.edu.sa, or ragab@mori.cs.titech.ac.jp