

## CALL FOR CONTRIBUTIONS

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

# P2PAA 2006

(In conjunction with the International IEEE WI/IAT'06 Conference)

Hong Kong, December 18, 2006



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Autonomous agents and Peer-to-peer (P2P) computing are currently attracting enormous media 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. We invite submissions 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
- Scalability, coordination, robustness and adaptability in P2P systems
- Autonomic Services in P2P systems
- Overlay Networks and Application Level Multicast
- P2P Grid Computing

### Important Dates

Paper registration/abstract: July 24, 2006

Electronic submission of full papers: **July 30, 2006**

Notification of paper acceptance: September 4, 2006

Camera-ready of accepted papers: September 29, 2006

Workshops: December 18, 2006

### 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'06 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, and will be reviewed by the Program Committee members. Please use the Submission Form on the P2PAA'06 website to submit your paper. Accepted papers will be published in the workshop proceedings by the IEEE Computer Society Press. In addition, there is a plan to invite authors to submit extended versions of their papers for a special issue of a respective journal.

### General Inquires

For more detailed and updated information, please refer to: [http://www.yl.is.s.u-tokyo.ac.jp/~ragab/P2PAA2006\\_WI.html](http://www.yl.is.s.u-tokyo.ac.jp/~ragab/P2PAA2006_WI.html)

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