Call for Papers

Special Issue on Agent Mining

Autonomous Agents and Multi-Agent Systems

In the last decade, autonomous agents and multi-agent systems (*agents* for short) and data mining have emerged as two of the most vigorous areas in information technology. The nature and complementarity of both areas foreshows an emerging trend — the increasing interaction and integration between agents and data mining (Agent Mining for short). A symbiotic relationship could significantly strengthen each side's progress and trigger new research challenges and prospects toward the advancement of next-generation intelligent technologies and systems, as well as the enrichment of integrated intelligence and other emergent aspects. As a matter of fact, recent years have seen the increasing research on Agent Mining in both agents and data mining communities.

This special issue aspires to report the high profile, original and state-of-the-art progress made on Agent Mining. It aims to encourage the interaction between agents and data mining, toward mutual enhancement and super-intelligent techniques and synergism. It will bring together researchers and industry practitioners from both areas to share pioneering results, and discuss the existing and emerging theoretical and applied problems in the interaction and evolution of agents and data mining.

Topics of Interest

Topic areas include (but aren't limited to)
- Methodologies and mechanisms for integrating agents and data mining,
- Agent-based data mining and knowledge discovery,
- Data-mining-based agents and multi-agent systems,
- Performance evaluation of agent mining symbiosis, and
- Emerging agent-mining intelligent applications and systems.

Important Dates

Submissions due: 15 Jan. 2011
Notification of acceptance: 5 Apr. 2011
Final version submitted: 5 Jun. 2011
Article online publication: Upon Acceptance

Submission Guidelines

Submissions should follow the style and presentation guidelines of the journal of *Autonomous Agents and Multi-agent Systems* (JAAMAS) by referring to the Instructions for Authors (see http://www.springer.com/10458). To submit a manuscript, access JAAMAS online submission system, at http://www.editorialmanager.com/jaamas/.

Questions?

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About Agent Mining

Refer to www.agentmining.org for more information about Agent Mining.