

Call for Papers: Special Issue on Agents and Data Mining

In the last decade, agents 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. A symbiotic relationship could significantly strengthen each side's progress and trigger new R&D 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.

This special issue aspires to report pioneering action on this critical topic and aims to encourage the interaction between agents and data mining toward mutual enhancement and superintelligent techniques and synergism. It will bring together researchers and industry practitioners from both areas to share R&D results and discuss existing and emerging theoretical and applied problems in the interaction and evolution of agents and data mining.

Topic areas include (but aren't limited to)

- interaction challenges and prospects,
- agent-enriched knowledge discovery and data mining,
- data-mining-driven agent intelligence enhancement,
- agent-mining symbiosis performance evaluation, and
- emerging intelligent applications and systems.

Important Dates

Submissions due for review: 15 Sept. 2008

Notification of acceptance: 6 Jan. 2009

Final version submitted: 20 Jan. 2009

Issue publication: May 2009

Submission Guidelines

Submissions should be 3,000 to 7,500 words (counting a standard figure or table as 200 words) and should follow the magazine's style and presentation guidelines (see www.computer.org/portal/pages/intelligent/mc/author.html). References should be limited to 10 citations. To submit a manuscript, access the IEEE Computer Society Web-based system, Manuscript Central, at <https://mc.manuscriptcentral.com/cs-ieee>.

Questions?

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