

2008 IEEE/WIC/ACM International Workshop on Agents and Data Mining Interaction (ADMI-08)

Sydney Australia

CALL FOR PAPER

9 - 12 December 2008

Due to many request, the conference organizers of the 2008 IEEE/WIC/ACM Conferences on Web Intelligence and Intelligent Agent Technology have expanded the deadline for workshop submission to 7 August.

2008 IEEE/WIC/ACM International Workshop series on ADMI-08 following the success of ADMI-06 and DMI-07, the ADMI-08 workshop provides a premier forum for sharing research and engineering results, as well as potential challenges and prospects encountered in the coupling between agents and data mining. The workshop welcomes theoretical work and applied dissemination aiming to: (a) exploit agent-enriched data mining and demonstrate how intelligent agent technology can contribute to critical data mining problems in theory and practice; (b) improve data mining-driven agents and show how data mining can strengthen agent intelligence in research and practical applications; (c) explore the integration of agents and data mining towards a super-intelligent system; (d) identify challenges and directions for future research on the synergy between agents and data mining.

ADMI-08 provides a quality platform for the broad dissemination of significant research results and innovative practices through presentations and published proceedings. Furthermore, authors also have the opportunity of further development of their work via *Journal IEEE Intelligence System* and other possible journals or book publication. ADMI-08 will be held in Sydney, 9-12 December 2008.

Topics of interest include, but are not limited to:

- **Interaction Challenges and Prospects**
 - Challenges and prospects of agent and data mining interaction,
 - Theoretical foundation for the interaction between agents and data mining
- **Agent-Enriched Knowledge Discovery and Data Mining**
 - Agent-enriched data mining infrastructure
 - Agent-enriched interactive data mining infrastructure
- **Automated Data Mining Learning**
 - Agent-enriched multiple data source mining
 - Agent-enriched distributed data mining
- **Data Mining Driven Agents and Multi-agent Systems**
 - Data mining-driven agent learning, adaptation and evolution
 - Data mining-driven multi-agent communication, planning and dispatching
- **Emergent Agent-Mining Organization and Applications**
 - Emerging Intelligent Applications
 - Typical engineering and industry applications
- **Data Mining-Driven Agent Performance Evaluation**
 - Data mining-driven agent performance evaluation strategies
 - Performance metrics, benchmarks and testbeds for data-mining
- **More details, please refer to <http://www.agentmining.org/admi08>**
http://datamining.it.uts.edu.au/conferences/wi08/?page_id=5

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Important Dates:

Submissions due: August 7, 2008
Notifications of Acceptance: September 3, 2008
Camera-ready paper due: September 30, 2008

Website:

<http://www.agentmining.org/admi08>
http://datamining.it.uts.edu.au/conferences/wi08/?page_id=5



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All paper will be published by IEEE Computer Society Press, to be indexed by EI

Selected papers will be invited to be expanded into IEEE Intelligent System: Special Issues on Agents and Data Mining

<http://datamining.it.uts.edu.au/agentmining/index.php?m=news&p=2>

other special issues and an edited book on "agents & data mining integration and interaction (AMII)" are under consideration