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<http://www2007.org>



Data Mining Track

Call for Papers

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Submissions should present original reports of substantive new work and can be up to 10 pages in length. Papers should properly place the work within the field, cite related work, and clearly indicate the innovative aspects of the work and its contribution to the field. In addition to regular papers, we also solicit submissions of position papers articulating high-level architectural visions, describing challenging future directions, or critiquing current design wisdom.

The phenomenal growth of the web has led to an ever-increasing volume of data and information being published in web-accessible formats. Research in web data mining aims to develop new techniques to derive actionable knowledge and information from these sources. Due to heterogeneity and lack of structure in web data, automated discovery of targeted or unexpected knowledge is a challenging task. It calls for novel methods that draw from a wide range of fields such as data mining, machine learning, natural language processing, statistics, databases, and information retrieval.

For the Data Mining track, we invite original and high quality submissions addressing all aspects of web data mining. The relevant topics include, but are not restricted to, the following:

- Novel classification or clustering methods for web data
- Mining web content and link structure
- Web log mining and web traffic analysis
- Building user profiles and providing recommendations
- Spatio-temporal analysis of blogs, reviews, and discussions
- Change detection and monitoring methods for web data
- Entity and relationship extraction and disambiguation
- Privacy issues in web mining
- Data integration and data cleaning
- Integrating linguistic and domain knowledge in web mining

Submissions due:
November 20, 2006

For further information:
<http://www2007.org>
