

RELATED CONFERENCES & CALL FOR PAPERS

TCII Sponsored Conferences

WI'06

The 2006 IEEE/WIC/ACM International Conference on Web Intelligence

Hong Kong, China

December 18-22, 2006

<http://www.comp.hkbu.edu.hk/iwi06/wi/>

Web Intelligence (WI) has been recognized as a new direction for scientific research and development to explore the fundamental roles as well as practical impacts of Artificial Intelligence (AI) (e.g., knowledge representation, planning, knowledge discovery and data mining, intelligent agents, and social network intelligence) and advanced Information Technology (IT) (e.g., wireless networks, ubiquitous devices, social networks, wisdom Web, and data/knowledge grids) on the next generation of Web-empowered products, systems, services, and activities. It is one of the most important as well as promising IT research fields in the era of Web and agent intelligence.

The 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WI'06) will be jointly held with the 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'06) and the 2006 IEEE International Conference on Data Mining (ICDM'06). The IEEE/WIC/ACM 2006 joint conferences are organized by Hong Kong Baptist University, and sponsored by IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), Web Intelligence Consortium (WIC), and ACM-SIGART

Following the great successes of WI'01 held in Maebashi City, Japan, WI'03 held in Halifax, Canada, WI'04 held in Beijing, China and WI'05 in Compiegne University of Technology, France, WI'06 provides a leading international forum for researchers and practitioners (1) to present the state-of-the-art of WI technologies; (2) to examine performance characteristics of various approaches in Web-based intelligent information technology; and (3) to cross-fertilize ideas on the development of Web-based intelligent information systems among different domains. By idea-sharing and discussions on the underlying foundations and the enabling technologies of Web intelligence,

WI'06 will capture current important developments of new models, new methodologies and new tools for building a variety of embodiments of Web-based intelligent information systems.

IAT'06

The 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology

Hong Kong, China

December 18-22, 2006

<http://www.comp.hkbu.edu.hk/iwi06/iat/>

The 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'06) will be jointly held with the 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WI'06) and the 2006 IEEE International Conference on Data Mining (ICDM'06). The IEEE/WIC/ACM 2006 joint conferences are organized by Hong Kong Baptist University, and sponsored by IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), Web Intelligence Consortium (WIC), and ACM-SIGART. The upcoming meeting in this conference series follows the great success of IAT'99 held in Hong Kong in 1999, IAT'01 held in Maebashi City, Japan in 2001, IAT'03 held in Halifax, Canada, IAT'04 held in Beijing, China and IAT'05 held in Compiegne University of Technology, France.

IAT'06 provides a leading international forum to bring together researchers and practitioners from diverse fields, such as computer science, information technology, business, education, human factors, systems engineering, and robotics, to (1) examine the design principles and performance characteristics of various approaches in intelligent agent technology, and (2) increase the cross-fertilization of ideas on the development of autonomous agents and multi-agent systems among different domains. By encouraging idea-sharing and discussions on the underlying logical, cognitive, physical, and sociological foundations as well as the enabling technologies of intelligent agents, IAT '06 will foster the development of novel paradigms and advanced solutions in agent-based computing.

ICDM'06

The Sixth IEEE International Conference on Data Mining

Hong Kong, China

December 18-22, 2006

<http://www.comp.hkbu.edu.hk/iwi06/icdm/>

The 2006 IEEE International Conference on Data Mining (ICDM'06) will be jointly held with The 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WI'06) and The 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'06). The IEEE/WIC/ACM 2006 joint conferences are organized by Hong Kong Baptist University, and sponsored by IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), Web Intelligence Consortium (WIC), and ACM-SIGART. The upcoming meeting in this conference series follows the great success of ICDM'01 held in California, USA in 2001, ICDM'02 held in Maebashi City, Japan in 2002, ICDM'03 held in Florida, USA, ICDM'04 held in Brighton, UK and ICDM'05 held in Texas, USA.

The 2006 IEEE International Conference on Data Mining (ICDM'06) provides a premier forum for the dissemination of innovative, practical development experiences as well as original research results in data mining, spanning applications, algorithms, software and systems. The conference draws researchers and application developers from a wide range of data mining related areas such as statistics, machine learning, pattern recognition, databases and data warehousing, data visualization, knowledge-based systems and high performance computing. By promoting high quality and novel research findings, and innovative solutions to challenging data mining problems, the conference seeks to continuously advance the state of the art in data mining. As an important part of the conference, the workshops program will focus on new research challenges and initiatives, and the tutorials program will cover emerging data mining technologies and the latest developments in data mining.

Related Conferences

AAMAS'06
**The Fifth International Joint
 Conference on Autonomous Agents and
 Multi-Agent Systems**
 Future University-Hakodate
 May 8-12, 2006
<http://www.fun.ac.jp/aamas2006/>

AAMAS'06 encourages the submission of theoretical, experimental, methodological, and applications papers. Theory papers should make clear the significance and relevance of their results to the AAMAS community. Similarly, applied papers should make clear both their scientific and technical contributions, and are expected to demonstrate a thorough evaluation of their strengths and weaknesses in practice. Papers that address isolated agent capabilities (for example, planning or learning) are discouraged unless they are placed in the overall context of autonomous agent architectures or multiagent system organization and performance. A thorough evaluation is considered an essential component of any submission. Authors are also requested to make clear the implications of any theoretical and empirical results, as well as how their work relates to the state of the art in autonomous agents and multiagent systems research as evidenced in, for example, previous AAMAS conferences. All submissions will be rigorously peer reviewed and evaluated on the basis of the quality of their technical contribution, originality, soundness, significance, presentation, understanding of the state of the art, and overall quality.

In addition to conventional conference papers, AAMAS'06 will also include a demonstrations track for work focusing on implemented systems, software, or robot prototypes; and an industry track for descriptions of industrial applications of agents. The submission processes for the demonstration and industry tracks will be separate from the main paper submission process.

ISWC'06
**The Fifth International Semantic Web
 Conference**
 Athens, GA, USA
 November 5-9, 2006
<http://iswc2005.semanticweb.org/>

ISWC is a major international forum where visionary and state-of-the-art research of all aspects of the Semantic Web are presented. ISWC'06 follows the 1st International Semantic Web Conference (ISWC'02 which was held in Sardinia, Italy, 9-12 June 2002), the 2nd International Semantic Web Conference (ISWC'03 which was held in Florida, USA, 20 - 23 October 2003), 3rd International Semantic Web Conference (ISWC'04 which was held in Hiroshima, Japan, 7 - 11 November 2004), and 4th International Semantic Web Conference 2005 (ISWC'05 which was held in Galway, Ireland, 6 - 10 November, 2005)

ICTAI'06
**The Eighteenth IEEE International
 Conference on Tools with Artificial
 Intelligence**
 Arlington, VA, USA
 November 13-15, 2006
<http://www.nvc.cs.vt.edu/ictai06/>

The annual IEEE International Conference on Tools with Artificial Intelligence (ICTAI) provides a major international forum where the creation and exchange of ideas relating to artificial intelligence are fostered among academia, industry, and government agencies. The conference facilitates the cross-fertilization of these ideas and promotes their transfer into practical tools, for developing intelligent systems and pursuing artificial intelligence applications. The ICTAI encompasses all the technical aspects of specifying, developing, and evaluating the theoretical underpinnings and applied mechanisms of AI tools. A selection of

the best papers in the conference will be published in a special issue of the International Journal on Artificial Intelligence Tools (IJAIT), special issues of other journals, or edited book.

CEC'06 & EEE'06
**IEEE Joint Conference on E-Commerce
 Technology and Enterprise Computing
 E-Commerce and E-Services**
 San Francisco, California, USA
 June 26-29, 2006
<http://linux.ece.uci.edu/cec06/>

The 8th IEEE Conference on E-Commerce Technology (CEC'06) and the 3rd IEEE Conference on Enterprise Computing, E-Commerce and E-Services (EEE'06) are the flagship annual conferences of the IEEE Computer Society Technical Committee on E-Commerce. The 2006 conference will be a joint event providing a platform for researchers interested in theory and practice of E-Commerce and Enterprise Computing.

The conference focuses on new technologies and methods geared towards business process innovation (i.e., optimizing existing or creating new business processes) for the purpose of optimizing business objectives. The joint programs of CEC'06 and EEE'06 will consist of tutorials, invited talks, paper presentations, and panel discussions. Submissions of high quality papers describing mature results or on-going work are invited. Technical contributions should be accompanied by a thorough evaluation of the results.