Related Conferences, Call For Papers, and Career Opportunities

TCII Sponsored Conferences

WI 2005
The 2005 IEEE/WIC/ACM International Conference on Web Intelligence
Compiègne, France
September 19-21, 2005
http://www.comp.hkbu.edu.hk/WI05/
Submission Deadline: April 3, 2005

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 2005 IEEE/WIC/ACM International Conference on Web Intelligence (WI'05) will be jointly held with The 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'05). The IEEE/WIC/ACM 2005 joint conferences are sponsored and organized 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, and WI'04 held in Beijing, China. WI 2005 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 2005 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.

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IAT 2005
The 2005 IEEE/WIC/ACM International

Conference on Intelligent Agent Technology
Compiègne, France
September 19-21, 2005
http://www.comp.hkbu.edu.hk/IAT05/
Submission Deadline: April 3, 2005

The 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'05) will be jointly held with The 2005 IEEE/WIC/ACM International Conference on Web Intelligence (WI'05). The IEEE/WIC/ACM 2005 joint conferences are sponsored and organized 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, and IAT-04 held in Beijing, China.

IAT 2005 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 2005 will foster the development of novel paradigms and advanced solutions in agent-based computing.

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ICDM'05
The Fifth IEEE International Conference on Data Mining
New Orleans, Louisiana, USA
November 26-30, 2005
http://www.cacs.louisiana.edu/~icdm05/
Submission Deadline: June 15, 2005

The 2005 IEEE International Conference on Data Mining (IEEE ICDM '05) 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. technologies and the state-of-the-art of data mining developments.

Topics related to the design, analysis and implementation of data mining theory, systems and applications are of interest. See the conference Web site for more information.

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AWIC'05
The Third Atlantic Web Intelligence Conference
Lodz, Poland
June 6-9, 2005
http://wic.ics.p.lodz.pl/awic/
Submission Deadline: December 20, 2004

The 3rd Atlantic Web Intelligence Conference (Madrid - 2003, Cancun - 2004) brings together scientists, engineers, computer users, and students to exchange a nd share their experiences, new ideas, and research results about all aspects (theory, applications and tools) of intelligent methods applied to Web based systems, and to discuss the practical challenges encountered and the solutions adopted.

The conference will cover a broad set of intelligent methods, with particular emphasis on soft computing. Methods such as (but not restricted to):

Neural Networks, Fuzzy Logic, Multivalued Logic, Rough Sets, Ontologies, Evolutionary Programming, Intelligent CBR, Genetic Algorithms, Semantic Networks, Intelligent Agents, Reinforcement Learning, Knowledge Management, etc.

must be related to applications on the Web like:

Web Design, Information Retrieval, Electronic Commerce, Conversational Systems, Recommender Systems, Browsing and Exploration, Adaptive Web, User Profiling/Clustering, E-mail/SMS filtering, Negotiation Systems, Security, Privacy, and Trust, Web-log Mining, etc.

Related Conferences

AAMAS'05
The Fourth International Joint Conference on Autonomous Agents and Multi-Agent Systems
Utrecht, The Netherlands
July 25-29, 2005
http://www.aamas2005.nl/

AAMAS-05 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 multi-agent 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 multi-agent 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-05 also welcomes the submission of papers that focus on implemented systems, software, or robot prototypes. These papers require a demonstration of the prototype at the conference and should include a detailed project or system description specifying the hardware and software features and requirements.

IJCAI'05
The Nineteenth International Joint Conferenceon on Artificial Intelligence
Edinburgh, Scotland
July 30 - August 5, 2005
http://ijcai05.csd.abdn.ac.uk/
Submission Deadline: January 21, 2005

The IJCAI-05 Program Committee invites submissions of full technical papers for IJCAI-05, to be held in Edinburgh, Scotland, 30 July - 5 August, 2005. Submissions are invited on substantial, original, and previously unpublished research on all aspects of artificial intelligence.

EEE'05
The 2005 IEEE International Conference on e-Technology, e-Commerce and e-Service
Hong Kong, China
March 29 - April 1, 2005
http://www.comp.hkbu.edu.hk/~eee05/

The 2005 IEEE International Conference on e-Technology, e-Commerce and e-Service (EEE-05) aims to bring together researchers and developers from diverse areas of computing, developers and practitioners to explore and address the challenging research issues on e-technology in order to develop a common research agenda and vision for e-commerce and e-business. The focus of this year is two-fold: 1) emerging enabling technologies to facilitate next generation e-transformation, and 2) their application and deployment experience in different e-themes, including e-Business, e-Learning, e-Government, e-Finance, etc. The conference solicits research papers as well as proposals for tutorials and workshops on related e-topics. The conference is organized around topics (including, but not limited to):

Emerging E-Technology Track
- Web/Grid Service Oriented Computing
- Ontology, Semantic Web and Ontology
- WI, Agents and Personalization
- Pervasive, Mobile and P2P Computing
- Context-Aware, Autonomous Computing
- Trust and Reputation for e/m-Services
- Payment Technologies for e/m-Services
- Middleware for e/m-Services
E-Commerce, E-Service and Experience Track
- Business Processes Interoperation
- Supply Chain Integration & Management
- Business Intelligence and e-CRM
- Electronic Contracting and Commitment
- Computational Markets and Economy
- Quality Metrics for Web Content/Services
- Applications to other e-themes

SDM'05
The 2005 SIAM International Conference on Data Mining
Newport Beach, CA, USA
April 21-23, 2004
http://www.siam.org/meetings/sdm05/

Advances in information technology and data collection methods have led to the availability of large data sets in commercial enterprises and in a wide variety of scientific and engineering disciplines. We have an unprecedented opportunity to analyze this data and extract intelligent and useful information from it. The field of data mining draws upon extensive work in areas such as statistics, machine learning, pattern recognition, databases, and high performance computing to discover interesting and previously unknown information in data.

This conference will provide a forum for the presentation of recent results in data mining, including applications, algorithms, software, and systems. There will be peer reviewed, contributed papers as well as invited talks and tutorials. Best paper awards will be given in different categories. Proceedings of the conference will be available both online at the SIAM Web site and in hard copy form. In addition, several workshops on topics of current interest will be held on the final day of the conference, including workshops on 1) data mining in sensor networks, 2) link analysis, counterterrorism and security, 3) high performance and distributed mining 4) feature selection for data mining - interfacing machine learning and statistics 5) clustering high dimensional data and its applications, and 6) mining scientific and engineering datasets

ISWC2004
The Fourth International Semantic Web Conference
Galway, Ireland
6-10 November, 2005
http://iswc2005.semanticweb.org/

ISWC is a major international forum at which research on all aspects of the Semantic Web is presented. ISWC2005 follows the 1st International Semantic Web Conference (ISWC2002 which was held in Sardinia, Italy, 9-12 June 2002), 2nd International Semantic Web Conference (ISWC2003 which was held in Florida, USA, 20 - 23 October 2003) and 3rd International Semantic Web Conference (ISWC2004 which was held in Hiroshima, Japan, 7-11 November 2004).

Career Opportunities

Associate / Assistant Professors / Lecturer/ Instructors in Computer Science at Hong Kong Baptist University

http://www.comp.hkbu.edu.hk/
en/news/?year=2004&id=091104
Apply by March 31, 2005