RELATED CONFERENCES, CALL FOR PAPERS/PARTICIPANTS

TCII Sponsored Conferences

.

WI 2009
The 2009 IEEE/WIC/ACM International Conference on Web Intelligence
Milan, Italy
September 15-18, 2009

Web Intelligence (WI) is a new research paradigm aimed at exploring the fundamental interactions between AI-engineering and advanced Information Technology (AIT) on the next generation of Web systems, services, etc. Here AI-engineering is a general term that refers to a new area, slightly beyond traditional AI: brain informatics, human level AI, intelligent agents, social network intelligence and classical areas, such as knowledge engineering, representation, planning, and discovery and data mining are examples. AIT includes wireless networks, ubiquitous devices, social networks, and data/knowledge grids, as well as cloud computing. WI research seeks to explore the most critical technology and engineering to bring in the next generation Web systems. The 2009 IEEE/WIC/ACM International Conference on Web Intelligence (WI 2009) will be jointly held with the 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology. It will be organized by the University of Milano Bicocca, Milano, Italy, and it will be sponsored by the IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), the Web Intelligence Consortium (WIC), and ACM-SIGART.

WI 2009 is planned to provide 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 2009 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. A doctoral mentoring program will be also organized.

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IAT 2009
The 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology
Milan, Italy
September 15-18, 2009

The 2009 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2009) will be jointly held with the 2009 IEEE/WIC/ACM International Conference on Web Intelligence at the University of Milano Bicocca, Milano, Italy, and it will be sponsored by the IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), the Web Intelligence Consortium (WIC), and ACM-SIGART.

IAT 2009 will provide 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 2007 will foster the development of novel paradigms and advanced solutions in agent based computing. The joint organization of IAT 2009 and WI 2009 will provide an opportunity for technical collaboration beyond the two distinct research communities. A doctoral mentoring program will be also organized.

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ICDM'09
The Ninth IEEE International Conference on Data Mining

Venice, Italy
October 28-30, 2009

The International Conference on Data Mining (ICDM 2009) aims to bring together researchers, scientists, engineers, and scholar students to exchange and share their experiences, new ideas, and research results about all aspects of Data Mining, and discuss the practical challenges encountered and the solutions adopted.

All full paper submissions will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, relevance to conference, contributions, and readability. The full paper submissions will be chosen based on technical merit, interest, applicability, and how well they fit a coherent and balanced technical program. The accepted full papers will be published in the refereed conference proceedings. Prospective authors are kindly invited to submit full text papers including results, tables, figures and references. Full text papers (.doc, .rft, .ps, .pdf) will be accepted only by electronic submission.

You are cordially invited to submit a paper and/or a proposal to organize a workshop and actively participate in this conference. Proposals are invited for workshops to be affiliated with the conference scope and topics. The conference seeks proposals for workshops on foundational and emerging topics in areas relevant to Data Mining. The conference workshops provide a challenging forum and vibrant opportunity for researchers and industry practitioners to share their research positions, original research results and practical development experiences on specific new challenges and emerging issues. The workshop topics should be focused so that the Participants can benefit from interaction with each other and the cohesiveness of the topics.

The refereed conference proceedings will be published prior to the conference in both Hard Copy Book and CD-ROM, and distributed to all registered participants at the conference. The refereed conference proceedings are reviewed and indexed by Open Science Index (OSI), Google Scholar, Directory of Open Access Journals (DOAJ),

EBSCO, Ulrich's Periodicals Directory, German National Library of Science and Technology and University Library Hannover (TIB/UB), Electronic Journals Library (Elektronische Zeitschriftenbibliothek, EZB), Genamics, GALE and INTUTE.

ICDM 2009 has teamed up with the International Journal of Computational Intelligence (IJCI) for publishing a Special Journal Issue on Advances in Data Mining. All submitted papers will have opportunities for consideration for this Special Journal Issue. The selection will be carried out during the review process as well as at the conference presentation stage. Submitted papers must not be under consideration by any other journal or publication. The final decision will be made based on peer review reports by the guest editors and the Editor-in-Chief jointly.

Related Conferences

AAMAS'09
The Eighth International Conference on Autonomous Agents and Multi-Agent Systems
Budapest, Hungary
May 10-15, 2009
http://www.conferences.hu/AAMAS2009/

AAMAS is the leading scientific conference for research in autonomous agents and multi-agent systems. The AAMAS conference series was initiated in 2002 as a merger of three highly respected individual conferences: the International Conference in Autonomous Agents, the International Workshop on Agent Theories, Architectures, and Languages, and the International Conference on Multi-Agent Systems. The aim of the joint conference is to provide a single, high-profile, internationally respected archival forum for research in all aspects of the theory and practice of autonomous agents and multi-agent systems.

AAMAS 2009 is the Eighth conference in the AAMAS series, following enormously successful previous conferences at Bologna, Italy (2002), Melbourne, Australia (2003), New York, USA (2004), Utrecht, The Netherlands (2005), Hakodate, Japan (2006), Honolulu, USA (2007) and Estoril, Portugal (2008). AAMAS-09 will be held at the Europa Congress Center, Budapest, Hungary.

AAMAS 2009 encourages the submission of *original* papers covering theoretical, experimental, methodological, and application issues in autonomous agents and multiagent systems. Authors are discouraged to submit papers describing work that has already been published in previous AAMAS workshops with post-proceedings publications and/or published as short papers in previous AAMAS proceedings, unless that the authors *clearly* demonstrate significant new content with respect to the previous publication.

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ISWC'09
The Eighth International Semantic Web Conference
Washington, USA
October 25-29, 2009
http://iswc2009.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), 4th International Semantic Web Conference 2005 (ISWC'05 which was held in Galway, Ireland, 6 - 10 November, 2005), 5th (ISWC'06 which was held in Athens, GA, USA 5 - 9 November, 2006), 6th (ISWC'07 which was held in Busan, Korea 11 - 15 November, 2007), and 7th (ISWC'08 which was held in Karlsruhe, Germany).

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SDM'09
2009 SIAM International Conference on Data Mining
Sparks, Nevada, USA
April 30-May 2, 2009
http://www.siam.org/meetings/sdm09/

Data mining and knowledge discovery is rapidly becoming an important tool in all walks of human endeavor including science, engineering, industrial processes, healthcare, business, medicine and society. The datasets in these fields are large, complex, and often noisy. Extracting knowledge requires the use of sophisticated, high-performance and principled analysis techniques and algorithms, based on sound statistical foundations. These techniques in turn require powerful visualization technologies; implementations that must be carefully tuned for performance; software systems that are usable by scientists, engineers, and physicians as well as researchers; and infrastructures that support them. For the main conference the program committee seeks outstanding papers in all areas pertaining to data mining and knowledge discovery.

This conference provides a venue for researchers who are addressing these problems to present their work in a peer-reviewed forum. It also provides an ideal setting for graduate students and others new to the field to learn about cutting-edge research by hearing outstanding invited speakers and attending tutorials (included with conference registration). A set of focused workshops are also held on the last day of the conference. The proceedings of the conference are published in archival form, and are also made available on the SIAM web site.

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IAAI'09
The Twenty-First Innovative Applications of Artificial Intelligence Conference
Pasadena, California, USA
July 14–16, 2009
http://www.aaai.org/Conferences/IAAI/iaai09.php

The Twenty-First Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-09) will focus on successful applications of AI technology. The conference will use technical papers, invited talks, and panel discussions to explore issues, methods, and lessons learned in the development and deployment of AI applications; and to promote an interchange of ideas between basic and applied AI.

IAAI-09 will consider papers in two tracks: (1) emerging applications or methodologies and (2) deployed application case studies. Submissions should clearly identify which track they are intended for, as the two tracks are judged on different criteria. Applications are defined as deployed once they are in production use by their final end users (not the people who created the application) for sufficiently long that experience can be reported (usually greater than three months of use by the end-users). All submissions must be original.

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IJCAI'09
The Twenty-First International Joint Conference on Artificial Intelligence
Pasadena, California, USA
July 11–17, 2009
http://ijcai-09.org/index.html

The IJCAI-09 Program Committee invites submissions of technical papers for IJCAI-09, to be held in Pasadena, CA, USA, July 11-17, 2009. Submissions are invited on significant, original, and previously unpublished research on all aspects of artificial intelligence.

The theme of IJCAI-09 is "The Interdisciplinary Reach of Artificial Intelligence," with a focus on the broad impact of artificial intelligence on science, engineering, medicine, social sciences, arts and humanities. The conference will include panel discussions, invited talks and other events dedicated to this theme.