

RELATED CONFERENCES, CALL FOR PAPERS/PARTICIPANTS

TCII Sponsored Conferences

WI 2013

The 2013 IEEE/WIC/ACM International Conference on Web Intelligence

Atlanta, USA

November 17-20, 2013

<http://cs.gsu.edu/wic2013/wi/>

The 2013 IEEE/WIC/ACM International Conference on Web Intelligence (WI 2013) and the 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2013) will be held in Atlanta, USA, Nov. 17-20, 2013. The two co-located conferences are sponsored by IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), Web Intelligence Consortium (WIC), and ACM-SIGART.

Following the great successes of the previous WI-IAT conferences, the WI-IAT 2013 will provide a global forum for scientists, engineers and educators to present the latest WI-IAT technologies, discuss how to develop future intelligent systems for complex applications.

WI-IAT 2013 will have various workshops, WI-IAT technical sessions, tutorials and panels. WI-IAT 2013 will have keynotes, a social reception together with the poster session and industry demo, and a banquet. Attendees only need to register once to attend all technical events at WI-IAT 2013.

Web Intelligence focuses on scientific research and applications by jointly using 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, semantic Web, wisdom

Web, and data/knowledge grids) for the next generation of Web-empowered products, systems, services, and activities.

IAT 2013

The 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technology

Atlanta, USA

November 17-20, 2013

<http://cs.gsu.edu/wic2013/iat/>

IAT 2013 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. Intelligent Agent Technology explores advanced intelligent systems and their broad applications in computer science and engineering, big data mining, biomedical informatics, health informatics, social networks, education, robotics, security, etc.

ICDM 2013

The Twenty-First IEEE International Conference on Data Mining

Dallas, Texas, USA

December 8-11, 2013

<http://icdm2013.rutgers.edu/>

The IEEE International Conference on Data Mining series (ICDM) has established itself as the world's premier research conference in data mining. It provides an international forum for presentation of original research results, as well as exchange and dissemination of innovative, practical development experiences. The conference

covers all aspects of data mining, including algorithms, software and systems, and applications. In addition, ICDM 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 novel, high quality research findings, and innovative solutions to challenging data mining problems, the conference seeks to continuously advance the state-of-the-art in data mining. Besides the technical program, the conference features workshops, tutorials, panels and, since 2007, the ICDM data mining contest.

Related Conferences

AAMAS 2013

The Twelfth International Conference on Autonomous Agents and Multi-Agent Systems

Saint Paul, Minnesota, USA

May 6- 10, 2013

<http://aamas2013.cs.umn.edu/>

The AAMAS conference series was initiated in 2002 in Bologna, Italy as a joint event comprising the 6th International Conference on Autonomous Agents (AA), the 5th International Conference on Multiagent Systems (ICMAS), and the 9th International Workshop on Agent Theories, Architectures, and Languages (ATAL).

Subsequent AAMAS conferences have been held in Melbourne, Australia (July 2003), New York City, NY, USA (July 2004), Utrecht, The Netherlands (July 2005), Hakodate, Japan (May 2006), Honolulu, Hawaii, USA (May 2007), Estoril, Portugal (May 2008), Budapest, Hungary (May 2009), Toronto, Canada (May 2010), Taipei, Taiwan (May 2011)

and Valencia, Spain (June 2012). AAMAS 2013 will be held in May in Saint Paul, Minnesota, USA.

AAMAS is the largest and most influential conference in the area of agents and multiagent systems, the aim of the conference is to bring together researchers and practitioners in all areas of agent technology and to provide a single, high-profile, internationally renowned forum for research in the theory and practice of autonomous agents and multiagent systems.

AAAI 2013

The Twenty-Seventh AAAI Conference on Artificial Intelligence

Bellevue, Washington, USA

July 14-18, 2013

<http://www.aaai.org/Conferences/AAAI/aaai13>

The Twenty-Seventh AAAI Conference on Artificial Intelligence (AAAI 2013) will be held July 14–18, 2013 in Bellevue, Washington, USA. The purpose of this conference is to promote research in artificial intelligence (AI) and scientific exchange among AI researchers, practitioners, scientists, and engineers in affiliated disciplines. AAAI 2013 will have multiple technical tracks, student abstracts, poster sessions, invited speakers, and exhibit programs, all selected according to the highest reviewing standards. AAAI 2013 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas.

SDM 2012

The Thirteenth SIAM International Conference on Data Mining

Austin, Texas, USA

May 2- 4, 2013

<http://www.siam.org/meetings/sdm13/>

Data mining is an important tool in science, engineering, industrial processes, healthcare, business, and medicine. 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 theoretical and 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.

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.

IJCAI 2013

The Twenty-Third International Joint Conference on Artificial Intelligence

Beijing, China

August 5-9, 2013

<http://ijcai-2013.org/>

IJCAI is the International Joint Conference on Artificial Intelligence, the main international gathering of researchers in AI. Held biennially in odd-numbered years since 1969, IJCAI is sponsored jointly by IJCAI and the national AI society(ies) of the host nation(s). IJCAI 2013 will be held in China, August 5-9, 2013. Submissions are invited on significant, original, and previously unpublished research on all aspects of artificial intelligence. The theme of IJCAI 2013 is "AI and computational sustainability". AI can play a key role in addressing environmental, economic, and societal challenges concerning sustainable development and a sustainable future. AI techniques and methodologies can be exploited to help address sustainability problems and questions, for example to increase the efficiency and effectiveness of the way we manage and allocate our natural and societal resources. The study of sustainability questions will also enrich and transform AI, by providing new challenges. The conference will include a special track dedicated to papers concerned with all these aspects.

