

RELATED CONFERENCES, CALL FOR PAPERS/PARTICIPANTS

TCII Sponsored Conferences

WI 2016

The 2015 IEEE/WIC/ACM International Conference on Web Intelligence

Omaha, USA

October 13-16, 2016

<http://wibih.unomaha.edu/>

Web Intelligence (WI) aims to achieve a multi-disciplinary balance between research advances in theories and methods usually associated with Collective Intelligence, Data Science, Human-Centric Computing, Knowledge Management, and Network Science. It is committed to addressing research that both deepen the understanding of computational, logical, cognitive, physical, and social foundations of the future Web, and enable the development and application of technologies based on Web intelligence. WI'16 provides a premier forum and features high-quality, original research papers and real-world applications in all theoretical and technology areas that make up the field of WI.

In 2016, The University of Nebraska at Omaha College of Information Science & Technology will be the proud host to WI '16 and BIH '16. Combining these conferences provides a premier forum that will bring together researchers and practitioners, high-quality, original research papers and real-world applications in all theoretical and technology areas. Under the theme Connecting Network and Brain with Big Data, WI'16 and BIH'16 will provide a broad forum that academia, professionals and industry people can use to exchange their ideas, findings and strategies in utilizing the power of human brains and man-made networks to create a better world.

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.

WI'16 welcomes both research and application papers submissions. All submitted papers will be reviewed on the basis of technical quality, relevance, significance and clarity. Accepted full papers will be included in the proceedings published by IEEE Computer Society Press.

BHI 2016

The International Conference on Brain Informatics & Health

Omaha, USA

October 13-16, 2016

<http://wibih.unomaha.edu/>

The BIH series provides a premier forum that brings together researchers and practitioners from neuroscience, cognitive science, computer science, data science, artificial intelligence, information communication technologies, and neuroimaging technologies with the purpose of exploring the fundamental roles, interactions as well as practical impacts of Brain Informatics.

BIH'16 addresses the computational, cognitive, physiological, biological, physical, ecological and social perspectives of brain informatics, with a strong emphasis on emerging trends of big data analysis and management technology for brain research, behaviour learning, and real-world applications of brain science in human health and well-being.

BIH'16 welcomes paper submissions (full paper and abstract submissions). Both research and application papers are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance and clarity. Accepted full papers will be included in the proceedings by Springer LNCS/LNAI.

ICDM 2016

The Twenty-Third IEEE International Conference on Data Mining

Barcelona, Spain

December 12-15, 2016

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. 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.

ICHI 2016

The IEEE International Conference on Healthcare Informatics

Chicago, Illinois, USA

October, 2016

http://iee-ichi.org/call_for_papers.html

ICHI 2016 is the premier community forum concerned with the application of computer science principles, information science principles, information technology, and communication technology to address problems in healthcare, public health, and everyday wellness. The conference highlights the most novel technical contributions in computing-oriented health informatics and the related social and ethical implications. ICHI 2016 will feature keynotes, a

multi-track technical program including papers, demonstrations, panels, and doctoral consortium.

ICHI 2016 serves as a venue for the discussion of innovative technical contributions highlighting end-to-end applications, systems, and technologies, even if available only in prototype form (e.g., a system is not deployed in production mode and/or evaluation may be performed by giving examples). We strongly encourage authors to submit their original contributions describing their algorithmic contributions, methodological contributions, and well-founded conjectures based on an application-oriented context. A paper does not have to be comprehensive and can focus on a single aspect of design, development, evaluation, or deployment.

Contributions in the realm of social and behavioral issues might include empirical studies of health-related information use and needs, socio-technical studies on the implementation and use of health information technology, studies on health informatics in the context of community impact and implications, studies on public policies on leveraging health informatics infrastructure, among others

Related Conferences

AAMAS 2015
The 15th International Conference on Autonomous Agents and Multi-Agent Systems
 Istanbul, Turkey
 May 9-13, 2016
<http://sis.smu.edu.sg/aamas2016>

AAMAS is the leading scientific conference for research in autonomous agents and multiagent systems. The AAMAS conference series was initiated in 2002 by merging three highly respected meetings: the International Conference on Multi-Agent Systems (ICMAS); the International Workshop on Agent Theories, Architectures, and Languages (ATAL); and the International Conference on Autonomous Agents (AA).

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), Valencia, Spain (June 2012), Minnesota, USA (May 2013), Paris, France (May 2014) and Istanbul, Turkey (May 2015). AAMAS 2016 will be held in May in Singapore.

AAMAS is the largest and most influential conference in the area of agents and multi-agent 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 multi-agent systems.

AAMAS is the flagship conference of the non-profit International Foundation for Autonomous Agents and Multi-agent Systems (IFAAMAS).

AAAI 2016 **The 30th AAAI Conference on Artificial Intelligence**

Phoenix, Arizona, USA
 February 12-17, 2016

<http://www.aaai.org/Conferences/AAAI/aaai16>

The Thirtieth AAAI Conference on Artificial Intelligence (AAAI-16) will be held February 12–17 at the Phoenix Convention Center, Phoenix, Arizona, USA. Please note the alternate day pattern for AAI-16. The workshop, tutorial, and doctoral consortium programs will be held Friday and Saturday, February 12 and 13, followed by the technical program, Sunday through Wednesday (at noon), February 14–17.

The purpose of the AAI conference is to promote research in artificial intelligence (AI) and scientific exchange among AI researchers, practitioners, scientists, and engineers in affiliated disciplines. AAI-16 will have a diverse technical track, student abstracts, poster sessions, invited speakers, tutorials, workshops, and exhibit and competition programs, all selected according to the highest reviewing standards. AAI-16 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas.

Phoenix is America's sixth largest city, yet still has real cowboys, rugged mountains, and the kind of cactus most people see only in cartoons. Phoenix is the gateway to the Grand Canyon, and its history is a testament to the spirit of puebloans, ranchers, miners, and visionaries.

Projected against this rich backdrop is a panorama of urban sophistication, with a host of museums (be sure to visit the Pueblo Grande Museum and Archaeological Park and the Heard Museum), sports stadiums, restaurants, and shopping. Nearby Tempe is the site of Arizona State University, home of a leading AI research community.

SDM 2016 **The 2016 SIAM International Conference on Data Mining**

Miami, Florida, USA
 May 6 - 7, 2016

<http://www.siam.org/meetings/sdm16/>

Data mining is the computational process for discovering valuable knowledge from data. It has enormous application in numerous fields, including science, engineering, healthcare, business, and medicine. Typical datasets in these fields are large, complex, and often noisy. Extracting knowledge from these datasets requires the use of sophisticated, high-performance, and principled analysis techniques and algorithms, which are based on sound theoretical and statistical foundations. These techniques in turn require implementations on high performance computational infrastructure that are carefully tuned for performance. Powerful visualization technologies along with effective user interfaces are also essential to make data mining tools appealing to researchers, analysts, and application developers from different disciplines.

The SDM 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 presentations and tutorials (included with conference registration). A set of focused workshops is 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 2016 **The 25th International Joint Conference on Artificial Intelligence**

New York City, USA
July 9-15, 2016
<http://ijcai-16.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(s) of the host nation(s). IJCAI is a not-for-profit scientific and educational organization incorporated in California. Its major objective is dissemination of information and cutting-edge research on Artificial Intelligence through its Conferences, Proceedings and other educational materials.

IJCAI Board of Trustees in its historical meeting held on Thursday, July 21, 2011 in Barcelona, Catalonia, Spain, decided that IJCAI conferences will be held annually in the future. Following the success of IJCAI-13 held in Beijing, China, IJCAI'15 held in Buenos Aires, Argentina. IJCAI'16 will be held in New York, USA and IJCAI'17 in Melbourne, Australia.