Related Conferences, Call For Papers/Participants

TCII Sponsored Conferences

WI 2017
The 2017 IEEE/WIC/ACM International Conference on Web Intelligence
Leipzig, Germany
August 23-26, 2017
http://webintelligence2017.com/

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.

In addition to the research track, WI'17 comprises special sessions and workshops as well as tutorials and a PhD mentoring session. Moreover, industry papers and demo proposals can be submitted to WI'17 and will be dealt with by a special PC for industrial papers which will apply industry-compliant assessment criteria.

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'17 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.

ICDM 2017
The Twenty-Fourth IEEE International Conference on Data Mining
New Orleans, LA, USA
November 18-21, 2017

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 2017
The IEEE International Conference on Healthcare Informatics
Park City, Utah, USA
August 23-26, 2017
http://ichi2017.ce.byu.edu/

ICHI'17 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'17 will be held in Park City, Utah, USA on August 23–26, 2017. It will be a forum for demo and paper contributions from researchers, practitioners, developers, and users to explore and disseminate cutting-edge ideas and results, and to exchange techniques, tools, and experiences.

Related Conferences

AAMAS 2017
The 16th International Conference on Autonomous Agents and Multi-Agent Systems
Sao Paulo, Brazil
May 8-12, 2017
http://www.aamas2017.org/

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), Singapore (May 2016).

For the first time in South America, the 16th. edition of AAMAS will be held in May 2017 in São Paulo, Brazil.

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).

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AAAI 2017
The 31st AAAI Conference on Artificial Intelligence
San Francisco, California, USA
February 4-9, 2017
http://www.aaai.org/Conferences/AAAI/aaai17

The Thirty-First AAAI Conference on Artificial Intelligence (AAAI'17) will be held February 4–9 at the Hilton San Francisco, San Francisco, California, USA. The workshop, tutorial, and doctoral consortium programs will be held Saturday and Sunday, February 4 and 5, followed by the technical program, Monday through Thursday, February 6–9.

The chairs of AAAI'17 are Satinder Singh (University of Michigan) and Shaul Markovitch (Technion-Israel Institute of Technology).

The purpose of the AAAI conference is to promote research in artificial intelligence (AI) and scientific exchange among AI researchers, practitioners, scientists, and engineers in affiliated disciplines. AAAI'17 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. AAAI'17 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas.

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SDM 2017
The 2017 SIAM International Conference on

Data Mining
Houston, Texas, USA
April 27 - 29, 2017
http://www.siam.org/meetings/sdm17/

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.

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IJCAI 2017
The 26th International Joint Conference on Artificial Intelligence
Melbourne, Australia
August 19-25, 2017
http://ijcai-17.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 societie(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.

Starting with 2016, IJCAI will be held annually. IJCAI is sponsored jointly by IJCAI and the national AI societie(s) of the host nation(s). The 26th International Joint Conference on Artificial Intelligence will be held in Melbourne, Australia in August 2017.