

RELATED CONFERENCES, CALL FOR PAPERS/PARTICIPANTS

TCII Sponsored Conferences

WI 2018

The 2018 IEEE/WIC/ACM International Conference on Web Intelligence
Chile
December, 2018

After the successful conference in Leipzig, Germany this year, the 2018 IEEE/WIC/ACM International Conference on Web Intelligence will take place in Chile, the first week of December, 2018.

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.

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'18 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 the ACM Press.

ICDM 2018
IEEE International Conference on Data Mining
Singapore
November 17-20, 2018
<http://icdm2018.org/>

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.

ICHI 2018
The Sixth IEEE International Conference on Healthcare Informatics
New York, NY, USA
June 4-7, 2018
http://hpr.weill.cornell.edu/divisions/health_informatics/ieee_ichi.html

The Sixth IEEE International Conference on Healthcare Informatics (ICHI'18) will take place in New York City from June 4th to June 7th, 2018 at the Doubletree by Hilton Metropolitan - New York City.

The ICHI series 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'18 serves as a venue for discussion of innovative technical and empirical contributions, highlighting end-to-end applications, systems, and technologies, even if available only in prototype form. ICHI'18 will feature keynotes, a multi-track technical program including papers, demonstrations, panels, workshop, tutorials, industrial tracks, and a doctoral consortium.

BigData 2018
The IEEE 2018 7th International Congress on Big Data (BigData Congress 2018)
San Francisco, USA
July 2-7, 2018
<http://conferences.computer.org/bigdatacongress/2018/>

As cloud computing turns computing and software into commodity services, everything as a service in other words, it leads to not only a technology revolution but also a business revolution. Insights and impacts of various types of services (infrastructure as a service, platform as a service, software as a service, business process as a service) have to be re-examined.

2018 International Congress on Big Data (BigData Congress 2018) aims to provide an international forum that formally explores various business insights of all kinds of value-added "services." Big Data is a key enabler of exploring business insights and economics of services.

BigData Congress 2018's major topics include but not limited to: Big Data Architecture, Big Data Modeling, Big Data As A Service, Big Data for Vertical Industries (Government, Healthcare, etc.), Big Data Analytics, Big Data Toolkits, Big Data Open Platforms, Economic Analysis, Big Data for Enterprise Transformation, Big Data in Business Performance Management, Big Data for Business Model Innovations and Analytics,

Big Data in Enterprise Management Models and Practices, Big Data in Government Management Models and Practices, and Big Data in Smart Planet Solutions.

Related Conferences

AAMAS 2018
The 17th International Conference on Autonomous Agents and Multi-Agent Systems
Stockholm, Sweden
July 10-15, 2018
<http://aamas18.ifaamas.org>

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

AAMAS'18, the 17th edition of the conference, will be held on July 10-15, in Stockholm, Sweden and is part of the Federated AI Meeting (FAIM), with the other conferences being IJCAI, ICML, ICCBR and SoCS. Please see the preliminary schedule for more information.

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), Valencia, Spain (June 2012), Minnesota, USA (May 2013), Paris, France (May 2014), Istanbul, Turkey (May 2015), Singapore (May 2016) and São Paulo (2017).

AAAI 2018
The 32th AAAI Conference on Artificial Intelligence
New Orleans, Louisiana, USA
February 2-7, 2018
<https://aaai.org/Conferences/AAAI-18/>

The Thirty-Second AAAI Conference on Artificial Intelligence (AAAI'18) will be held February 2-7, 2018 at the Hilton New Orleans Riverside, New Orleans, Louisiana, USA. The program chairs will be Sheila McIlraith, University of Toronto, Canada and Kilian Weinberger, Cornell University, USA.

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'18 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'18 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas.

SDM 2018
The 2018 SIAM International Conference on Data Mining
San Diego, California, USA
May 3 - 5, 2018
<http://www.siam.org/meetings/sdm18/>

Data mining is the computational process for discovering valuable knowledge from data – the core of modern Data Science. It has enormous applications 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. 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, data scientists and application developers from different

disciplines, as well as usable by stakeholders.

SDM has established itself as a leading conference in the field of data mining and provides a venue for researchers who are addressing these problems to present their work in a peer-reviewed forum. SDM emphasizes principled methods with solid mathematical foundation, is known for its high-quality and high-impact technical papers, and offers a strong workshop and tutorial program (which are included in the conference registration). The proceedings of the conference are published in archival form, and are also made available on the SIAM web site.

IJCAI 2018
The 27th International Joint Conference on Artificial Intelligence
Stockholm, Sweden
July 13-19, 2018
<http://www.ijcai-18.org/>

International Joint Conferences on Artificial Intelligence is a non-profit corporation founded in California, in 1969 for scientific and educational purposes, including dissemination of information on Artificial Intelligence at conferences in which cutting-edge scientific results are presented and through dissemination of materials presented at these meetings in form of Proceedings, books, video recordings, and other educational materials. IJCAI consists of two divisions: the Conference Division and the AI Journal Division. IJCAI conferences present premier international gatherings of AI researchers and practitioners and they were held biennially in odd-numbered years since 1969.

IJCAI-ECAI'18 is part of the Federated AI Meeting (FAIM) that takes place in Stockholm July 9-19. The other conferences include AAMAS, ICML, ICCBR and SoCS.

The IJCAI-ECAI'18 registration is expected to open in April 2018.