

# RELATED CONFERENCES, CALL FOR PAPERS/PARTICIPANTS

## TCII Sponsored Conferences

### WI 2019

**The 2019 IEEE/WIC/ACM International Conference on Web Intelligence**  
Thessaloniki, Greece  
Oct. 20 - 23, 2019

Web has evolved as an omnipresent system which highly impacts science, education, industry, and everyday life. Web is now a vast data production and consumption platform at which threads of data evolve from multiple devices, by different human interactions, over worldwide locations under divergent distributed settings. Such a dynamic complex system demands adaptive intelligent solutions, which will advance knowledge, human interactions and innovation. Web intelligence is now a cutting edge area which must address all open issues towards deepening the understanding of all Web's entities, phenomena, and developments.

The theme for the WI'19 is "Web Intelligence = AI in the Connected World". The 18th Web Intelligence conference (WI'19) aims to achieve a multi-disciplinary balance between research and technological disruptive advances in the fields of how intelligence is impacting the Web of people, The Web of Data, the Web of things, the Web of Trust, and The Web of health. WI'19 welcomes research, application as well as Industry/Demo track paper submissions in these core thematic pillars under a wide topics spectrum, which demand WI disruptive solutions for any of the next indicative sub-topics. for the next generation of Web-empowered products, systems, services, and activities.

The Program Chairs of WI'19 are soliciting contributed technical papers for presentation at the Conference and publication in the Conference Proceedings by ACM.

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**ICDM 2019**  
**IEEE International Conference on Data Mining**  
New York, USA  
July 17-21, 2019  
<http://www.data-mining-forum.de/>

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.

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**ICHI 2019**  
**The Seventh IEEE International Conference on Healthcare Informatics**  
Beijing China  
June 10-13, 2019  
<http://www.ieee-ichi.org/>

The Seventh IEEE International Conference on Healthcare Informatics (ICHI'19) will take place in Beijing from June 10th to June 13th, 2019 at Beijing International Convention Center.

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'19 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'19 will feature keynotes, a multi-track technical program including papers, demonstrations, panels, workshop, tutorials, industrial tracks, and a doctoral consortium.

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**BigData 2019**  
**The IEEE 2019 8th International Congress on Big Data (BigData Congress 2019)**  
Milan, Italy  
July 8-13, 2019  
<http://conferences.computer.org/bigdatacongress/2019/>

As cloud computing turning 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.

2019 International Congress on Big Data (BigData Congress 2019) 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 2019'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 2019

#### The 18th International Conference on Autonomous Agents and Multi-Agent Systems

Montreal

May 13-17, 2019

<http://aamas2019.elps.concordia.ca/>

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'19, the 18th edition of the conference, will be held on May 13-17 in Montreal 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), São Paulo (2017) and Stockholm, Sweden (2018).

### AAAI 2019

#### The 33rd AAAI Conference on Artificial Intelligence

Hilton Hawaiian Village, Honolulu, Hawaii, USA

January 27-February 1, 2019

<https://aaai.org/Conferences/AAAI-19/>

The Thirty-Third AAAI Conference on Artificial Intelligence (AAAI'19) will be held January 27-February 1, 2019 at the Hilton Hawaiian Village, Honolulu, Hawaii, USA. The program chairs will be Pascal Van Hentenryck (Georgia Institute of Technology, USA) and Zhi-Hua Zhou (Nanjing University, China).

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'19 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'19 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas.

### SDM 2019

#### The 2019 SIAM International Conference on Data Mining

Hyatt Regency Calgary | Calgary, Alberta, Canada

May 2 - 4, 2019

<https://www.siam.org/Conferences/CM/Main/sdm19/>

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 2019

#### The 28th International Joint Conference on Artificial Intelligence

Macao, China

August 10-16

<http://www.ijcai19.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.

Starting with 2016, IJCAI conferences are held annually. IJCAI'19 will be held in Macao, P.R. China from August 10-16, 2019, IJCAI-PRICAI'20 in Nagoya, Japan, IJCAI'21 in Montreal, Canada and IJCAI-ECAI'22 in Bologna, Italy.