

Third International Conference on Real-Time Intelligent Systems (RTIS 2018)
Taipei, Taiwan
November 13 - 15, 2018
([rtis at socio.org.uk](http://rtis.at.socio.org.uk))

Call for Papers

Real-Time Computing covers a broad spectrum of the intensively developing area of low-latency priority-driven system responsiveness under certain time constraints to essential and decisive human-computer interactions with constantly incoming data stream. Research on real-time intelligent systems is of a multi-disciplinary nature, exploiting concepts from the areas as diverse as signal processing technologies, computational intelligence, location systems, data processing, digital document processing and embedded system design. To accomplish its real-time performance, systematic analysis is carried out when the systems are working.

Therefore, over the last few years real-time intelligent computing has radically transformed human life style. In the today's competitive and highly dynamic environment, analyzing data in real time is a must to understand in detail how the systems are processing the data and to reason the outputs and anticipate the trends in intelligent computing, has become critical.

To leverage the full potential of the opportunity build complex real time systems, intense research is required and this conference will serve as one such platform to manifest the ongoing research in the real time intelligence system.

The conference welcomes theoretically grounded, methodologically sound research papers from academia and industry that address variety of aspects and innovations related to real-time computing systems.

The scope of the conference includes, but is not limited to the following areas:

- Streaming data, streaming engines
- Big Data systems and applications for high-velocity data
- Analysis in advanced domains such as energy, sensors, etc
- Artificial Intelligence
- Broadband Intelligence
- Cloud Computing and Intelligence
- Collaborative Intelligence
- Crowdsourcing and crowd intelligence
- Data capture in real-time
- Intelligent Database Systems
- Data mining
- Intelligent Data Analysis
- OLAP for real-time decision support
- Data quality and cleansing
- Intelligent Fuzzy Systems
- Event-driven analytics
- Visualizing real-time data and information
- Intelligent Soft Computing
- Privacy and security in Intelligence
- Architectures for Intelligence
- Internet of Things

- Intelligent Robotic Systems
- Smart Services and Platforms
- Intelligent Transportation Systems
- Mobile Smart Systems
- Trace-based intelligent real-time services (eye-tracking, image tracking)
- Real-time intelligent alert systems
- Machine translation in real time
- Multilingual information access
- Multiagent Intelligent Systems
- Intelligent Information Systems
- Adaptive vision algorithms
- Real-time Intelligent Network solutions
- Real-time distributed coding
- Real-time modelling user's information needs
- Real-time noise removal systems
- Real-time intelligent communication
- Real-time remote access systems
- Decision support systems in real time
- Real-time multiprocessor systems

Important Dates

Paper Submission	:	September 10, 2018
Paper Notification	:	September 20, 2018
Camera ready	:	October 10, 2018
Early registration	:	November 01, 2018
Full-rate registration	:	November 10, 2018
Conference Dates	:	November 13-15, 2018

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- Schahram Dustdar TU Wien, Austria
- Ronald R, Yager Machine Intelligence Institute, Iona College, USA

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**The Tenth International Conference on the Applications of Digital Information
and Web Technologies (ICADIWT 2019)
May 20-22, 2019, Casablanca, Morocco
July 07-09, 2019
Luton, UK
(www.socio.org.uk/icadiwt)**

The Tenth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2019) is a forum for researchers to present the intensive and innovative research, ideas, developments and applications in the areas of Computer Communications, Communication networks, Communication Software Communication Technologies and Applications, and other related themes.

This conference (ICADIWT Edition IX) will include presentations of contributed papers and state-of-the-art lectures by invited keynote speakers. Digital Technologies is embedded in the research activities of large number of people and it ensures the Ubiquitous reaching of more number of people in the recent years. Research in digital technologies has been carried out in many directions using various resources and tools and on the other side, the application issues are addressed by more volume of researchers not necessarily limited to information and computing technology. Thus the proposed conference series realize its value and potential and manifest the requirements in the form of the international conference. This edition will address the following outlined themes (but not limited to).

Internet Communication

Internet Technologies

Web Applications

Internet Software

Data Access and Transmission

Digital Communication Software

Digital Networks

Web Communication Interfaces

Adaptive Systems

Internet of Things

Internet of breath

Augmented Reality

Databases and applications

Web Systems Engineering Design

Intelligent Agent systems

Semantic Web Studies

Adaptive Web applications and personalization

Actuators and sensors

Robotics and Machine Vision

Vibration and noise control

Smart cities and structures

Control

Automation

Human-machine interfaces

Real-time simulation

Digital Technologies for Mechanical and other designs

Publication and Indexing

The accepted full papers will be published in the IOS series (Frontiers in Artificial Intelligence and Applications (FAIA)) and submitted for inclusion in many indexes. Accepted full papers will be submitted for indexing to multiple abstract and indexing partners. The papers will be indexed in many databases as given at <http://www.frontiersinai.com/?q=indexing>

The accepted papers will be published as a post-conference publication. During the conference, the pre-conference volume will be distributed.

The previous ICADIWT proceedings are indexed in Web of Science

Honorary Chair

Jolanta Mizera-Pietraszko, (Opole University, Poland)

Co-Chair

Chafik Okar, ENSA, Hassan 1st University, Berrechid, Morocco.

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Program Chairs

Yao-Liang Chung, National Taiwan Ocean University, Taiwan

Ricardo Rodriguez Jorge, (Autonomous University of Ciudad Juarez, Mexico)

Important Dates

Submission of papers (Morocco/UK) March 01, 2019/April 01, 2019

Notification (Morocco/UK) April 01, 2019/May 01, 2019

Camera ready (Morocco/UK) May 01, 2019/June 01, 2019

Registration (Morocco/UK) May 01, 2019/June 01, 2019

Conference Dates (Morocco/UK) May 20-22, 2019/July 07-09, 2019

Paper Submission at <http://www.socio.org.uk/icadiwt/paper-submission/>

Contact: icadiwt@socio.org.uk or diwt@dirf.org
