



First International Conference on Real Time Intelligent Systems (RTIS 2016)

Beijing, China
September 01-03, 2016

<http://www.socio.org.uk/rtis/>

<http://www.dirf.org/rtis/>

The Proceedings will be published in the **Proceedings of the First International Conference on Real-Time Intelligent Systems, Volume 1 RTIS 2016.** (<http://www.springer.com/series/11156>)

About the Conference

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	Internet of Things
Big Data systems and applications for high-velocity data	Intelligent Robotic Systems Smart Services and Platforms
Analysis in advanced domains such as energy, sensors, etc	Intelligent Transportation Systems
Artificial Intelligence	Mobile Smart Systems
Broadband Intelligence	Trace-based intelligent real-time services
Cloud Computing and Intelligence	(eye-tracking, image tracking) Real-time intelligent alert systems
Collaborative Intelligence	Real-time modelling user's information needs
Crowdsourcing and crowd intelligence	Machine translation in real time
Data capture in real-time	Multilingual information access
Intelligent Database Systems	Multiagent Intelligent Systems
Data mining	Intelligent Information Systems
Intelligent Data Analysis	Adaptive vision algorithms
OLAP for real-time decision support	Real-time Intelligent Network solutions
Data quality and cleansing	Real-time distributed coding
Intelligent Fuzzy Systems	Real-time noise removal systems
Event-driven analytics	Real-time intelligent communication
Visualizing real-time data and information	Real-time remote access systems
Intelligent Soft Computing	Decision support systems in real time
Privacy and security in Intelligence	Real-time multiprocessor systems
Architectures for Intelligence	

Important Dates
 Paper Submission: June 15, 2016
 Paper Notification: July 05, 2016
 Camera ready: August 01, 2016
 Registration: August 15, 2016
 Conference Dates: September 01-03, 2016

The following journals will accommodate the extended versions of the papers.

- Artificial Intelligence in Medicine
- Engineering Applications of Artificial Intelligence
- The International Journal of Intelligent Real-Time Automation
- Computers in Human Behaviour
- Virtual Reality
- The Journal of Intelligent Systems
- Journal of Digital Information Management
- International Journal of Imaging & Robotics
- International Journal of Tomography & Simulation

The RTIS will have Doctoral Consortium, DEMO Session, Journal Track, Mentorship Programme, Ph.D. Dissertation Competition, Proofread translation program and Virtual Presentation (Video Conferencing)

Submissions at: <http://www.socio.org.uk/rtis/paper-submission/>
CONTACT: rtis@socio.org.uk