

**Fourth International Conference on Real-Time Intelligent Systems (RTIS 2019)**  
**Zhuhai Chinese Academy of Sciences, China**  
**November 01-03, 2019**  
[www.socio.org.uk/rtis](http://www.socio.org.uk/rtis)

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

The Proceedings will be published by Springer in the Proceedings of the 4th International Conference on Real-Time Intelligent Systems, Volume 3 RTIS 2019. (<http://www.springer.com/series/11156> )

**For the series information please see-**

<http://www.springer.com/gp/book/9783319607436>

### **Important Dates**

Paper Submission:	August 15, 2019
Paper Notification:	September 15, 2019
Camera ready:	October 10, 2019
Early registration:	October 15, 2019
Full-rate registration:	October 22, 2019
Conference Dates:	November 01-03, 2019