

# The 5<sup>th</sup> International Conference on Real-Time Intelligent Systems (RTIS 2020) Casino Barriere, Biarritz, France

June 30-July 03, 2020

[www.socio.org.uk/rtis](http://www.socio.org.uk/rtis)

The International Conference on Real-time Intelligent Systems (RTIS) has travelled from Zhuhai, China (2019), Taipei, Taiwan (2018), Casablanca, Morocco (2017), to Beijing, China (2016). The 5th RTIS will take place at Biarritz, a luxurious seaside tourist destination on the Bay of Biscay in the French Basque Country.

Over the last few years real-time intelligent computing has radically transformed human life style. Research on real-time intelligent systems is of multi-disciplinary nature, exploiting concepts from diverse areas such as big data processing, computational intelligence, location based services, recommendation systems, multimedia processing, among others. In today's highly dynamic environment, analyzing data in real time is a must to understand how systems are processing data, to reason the outputs and to anticipate trends in intelligent computing. To this end, this conference will serve as a platform to manifest the ongoing research in the field. Thus, RTIS welcomes theoretically grounded, methodologically sound papers that address aspects related to topics, such as:

## **Artificial Intelligence Techniques**

Artificial Intelligence and Data mining

Streaming data, streaming engines

Trace-based intelligent real-time services

Adaptive vision algorithms

Location based services

Intelligent Robotic Systems

Collaborative Intelligence

Processing Intelligent Databases

Data capture in real-time

Data quality and cleansing

Intelligent Data Analysis

Intelligent Database Systems

Big Data systems and applications for high-velocity data

Intelligent Information Systems

Privacy and security in Intelligence

Software Engineering Solutions

Intelligent Soft Computing

Real-time multiprocessor systems

Internet of Things

Architectures for Intelligence

Real-time distributed coding

Smart services and platforms

Real-time modeling user's information needs

Wireless Communication  
Real-time intelligent communication  
Real-time intelligent network solutions  
Mobile Smart Systems  
Broadband Intelligence  
Cloud Computing and Intelligence  
Collaborative Intelligence  
Analysis in domains such as energy, sensors  
Expert Systems

Decision support systems in real time  
Multi-agent Intelligent Systems  
Multilingual information access  
Recommendation systems  
Real-time intelligent alert systems  
Real-time remote access systems  
Intelligent Transportation Systems  
Critical Real Time Applications

Real-time noise removal systems  
Event-driven analytics  
Intelligent Fuzzy Systems  
Machine translation in real time  
OLAP for real-time decision support  
Crowd Sourcing and crowd intelligence  
Submission, proceedings

Papers must be submitted online through EasyChair. All accepted papers will appear in the conference proceedings published by Springer LNCS series (Pending). Author instructions along with LaTeX2e (preferred) and Word macro files are available at (<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>). Submitted papers should not exceed 14 pages (long papers) and 8 pages (short ones), including figures, tables and references. Authors of accepted papers are required to transfer their copyrights to Springer. For a paper to appear in the proceedings, at least one of the authors MUST register for the conference by the camera-ready submission deadline with a full registration.

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