The 5ᵗʰ International Conference on Real-time Intelligent Systems (RTIS 2023)

October 09-11, 2023, University of bedfordshire, UK

www.socio.org.uk/rtis

CALL FOR PAPERS

Lecture Notes in Networks and Systems by Springer   https://www.springer.com/series/15179

Earlier conferences took place in Taipei, Taiwan (2018); Casablanca, Morocco (2017); Beijing, China (2016). The 5th RTIS will take place at the University of Bedfordshire, UK.

Over the last few years, real-time intelligent computing has radically transformed the human lifestyle. Research on real-time intelligent systems is multi-disciplinary, exploiting concepts from diverse areas such as big data processing, computational intelligence, location-based services, recommendation systems, and multimedia processing. In today's highly dynamic environment, analysing data in real-time is a must to understand how systems process data, reason the outputs, and 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 modelling user 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

Smart Life 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

Hybrid Intelligent Systems

Real-time noise removal systems

Event-driven analytics

Intelligent Fuzzy Systems

Machine translation in real time

OLAP for real-time decision support

Crowdsourcing and crowd intelligence

Submission, proceedings

Papers must be submitted online through *OpenConf (https://www.socio.org.uk/rtis/paper-submission/)*. Author instructions and LaTex2e (preferred) and Word macro files are available on the submission page. Submitted papers should be within 14 pages (long papers) and eight pages (short ones), including figures, tables, and references. Authors of accepted papers are required to transfer their copyrights. 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 full registration.

The proceedings will be published in Lecture Notes in Networks and Systems by Springer.

Extended versions of the conference papers will be considered for publication in the below journals.

Journal of Computational Methods in Sciences and Engineering (JCMSE)

Future Internet
https://www.mdpi.com/journal/futureinternet

Data
https://www.mdpi.com/journal/data

(For Data and Future Internet, the discounted APC is applicable, which is 50%)
Journal of Digital Information Management
Journal of Intelligent Computing

Venue

The venue is the University of Bedfordshire, UK.

Important Dates

Full Paper Submission: July 20, 2023
Notification of Acceptance/Rejection: August 15, 2023
Registration Due: September 15, 2023
Camera Ready Due: September 15, 2023
Workshops/Tutorials/Demos: October 08, 2023
Main conference: October 09-11, 2023
Post-conference proceedings: October 25, 2023

General Chairs

Ricardo Rodriguez-Jorge, Jan Evangelista Purkynì University , Czech Republic
Martín LÓPEZ-NORES, University of Vigo, Spain

Program Chairs

Yao-Liang Chung, National Taiwan Ocean University, Taiwan
Pit Pichappan, Digital Information Research Labs, India

Workshop/Special Issues Chair

Ezendu Ariwa, University of Warwick, UK

www.socio.org.uk/rtis

Contact: stm@socio.org.uk