

# Sixth International Conference on Real-Time Intelligent Systems (RTIS 2024)

Tien Giang University

My Tho (near Ho-chi-Minh) -Vietnam

October 17-19, 2024

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

Springer Lecture Notes in Networks and Systems (LNNS)

The International Conference on Real-time Intelligent Systems (RTIS) has traveled from Beijing, China (2016), to Ho-Chi-Min, Vietnam. The sixth edition will take place at Tien Giang University.

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 necessary 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 and Data mining  
Streaming data, streaming engines  
Trace-based intelligent real-time services  
Adaptive vision algorithms  
Location-based services  
Intelligent Robotic Systems  
Collaborative Intelligence

Data capture in real-time  
Data quality and cleansing  
Intelligent Data Analysis  
Intelligent Database Systems  
Knowledge representation and reasoning  
Intelligent information fusion  
Large Language Models, cognitive methods, sequential inference, data mining, pattern/behavioral analysis,  
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

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

Autonomous systems (incl. autonomous vehicles and drones)  
Distributed systems  
Cloud/edge computing/fusion  
Defence/security, robotics, aerospace, intelligent transportation  
Mining/Manufacturing  
Environmental monitoring

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  
Crowdsourcing and crowd intelligence

### **Submission, proceedings**

Papers must be submitted online through OpenConf. Author instructions and LaTeX2e (preferred) and Word macro files are available on the submission page. Submitted papers should be at most 14 pages (long papers) and 8 pages (short ones), including figures, tables and references (in the Springer template). 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 a full registration.

Springer's Lecture Notes in Networks and Systems (LNNS) (<https://www.springer.com/series/15179>) will publish the accepted papers and be indexed in SCOPUS, EI Compendex, INSPEC, WTI Frankfurt eG, zbMATH, and SCImago.

All the papers published in the series are submitted for consideration in the Web of Science.

### **Important Dates**

Submission of papers:	August 05, 2024
Notification:	September 01, 2024
Camera-ready:	October 01, 2024
Registration:	October 01, 2024
Conference Dates:	October 17-19, 2024

**Honorary Chair**

Vo Ngoc Ha, Tien Giang University, Vietnam

**General Chairs**

Le Minh Tung, Tien Giang University, Vietnam

Martín LÓPEZ-NORES, University of Vigo, Spain

**Program Chairs**

Nguyen Hoang Vu, Tien Giang University, Vietnam

Pit Pichappan, Digital Information Research Labs, India & UK

Dion Goh Hoe Lian, Nanyang Technological University, Singapore

**Co-Program Chairs**

Duong Van Hieu, Tien Giang University, Vietnam

Ricardo Rodriguez-Jorge, Technological Centre Ceit, Spain

Pavel Losket, Zhejiang University-University of Illinois at Urbana Champaign Institute, China

**Organizing Chair**

Cao Nguyen Thi, Tien Giang University, Vietnam

**Publicity Chair**

Beniysa Mohsin, LTI laboratory, Abdelmalek Essaâdi University, Morocco

Paper submission at <https://socio.org.uk/rtis/paper-submission/>

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