Seventh International Conference on Real-time Intelligent Systems (RTIS)
University of Macau, Macau
OCTOBER 13-14, 2025
https://socio.org.uk/rtis/

The International Conference on Real-time Intelligent Systems (RTIS) has traveled from Beijing, China (2016), to Macau. The seventh edition will take place at the University of Macau, Macau.

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, as below:

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

AI in Agriculture

Smart Agriculture Systems

User experience in Real-Time

Systems

Anomaly Detection

Predictive Maintenance

Image and Video Recognition

Natural Language Processing

Vulnerability Management

Healthcare

Customer Analytics

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 25, 2025
Notification of Acceptance/Rejection:	September 25, 2025
Camera-ready:	October 31, 2025
Registration:	October 31, 2025
Conference Dates:	November 24 - 26, 2025