Conference Notification

Eighth International Conference on Real-Time Intelligent Systems (RTIS 2026)
Bali/Jakartha
October 10th - 12th, 2026

https://www.socio.org.uk/rtis

The International Conference on Real-time Intelligent Systems (RTIS) has travelled from Beijing, China (2016), to Indonesia. The eighth edition will take place in Indonesia.

Over the past few years, real-time intelligent computing has revolutionised everyday life. Research on real-time intelligent systems is multidisciplinary, drawing on concepts from areas such as big data processing, computational intelligence, location-based services, recommendation systems, and multi-media processing. In today's highly dynamic environment, real-time data analysis is essential to understand how systems process data, interpret 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 addressing the following topics.

CALL FOR PAPERS (Virtual/Physical)

- 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 complete 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: June 30, 2026
Notification of Acceptance/Rejection: July 25, 2026
Camera-ready (Post conference proceedings): October 15, 2026
Conference Dates: August 2016

Program Committee (to be updated shortly)

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