

Due to health and safety concerns regarding COVID-19, authors will be able to present their work via skype/video-conference (in case they do not wish to travel)



RTIS 2020

5th International Conference on Real-Time Intelligent Systems

30 JUNE - 3 JULY, 2020 @ Biarritz, France

<https://rtis2020.sigappfr.org>

General Chairs:

- Yannis Manolopoulos, Open University of Cyprus
- Jolanta Mizera-Pietraszko, Opole University, Poland

Program Chairs:

- Richard Chbeir, University of Pau and Pays Adour, France
- Pit Pichappan, Digital Information Research Labs, UK

Invited Speaker:

- Themis Palpanas, University Paris Descartes, France
- TBA

Workshop/Special Issue Chair:

- Spyros Sioutas, University of Patras, Greece

Webadmin:

- Elio Mansour, University of Pau and Pays Adour, France

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. Research on real-time intelligent systems is of multi-disciplinary nature, exploiting concepts from diverse areas such as big data processing, computational intelligence. 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

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

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

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

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

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

Proceedings, submission: Accepted papers will appear in the proceedings published by ACM (tentative). Author instructions with LaTeX2e (preferred) and Word macro files are available at (<https://www.acm.org/publications/proceedings-template>). Papers must be submitted online through EasyChair (<https://easychair.org/my/conference?conf=rtis2020>). Submitted papers should not exceed 10 pages (long papers) and 4 pages (short ones), including figures, tables and references. For each paper at least one of the authors MUST register for the conference by the camera-ready submission deadline with a full registration

Special issue: A special issue with selected papers will appear at the Big Data Research (Springer), World Wide Web (Springer), International Journal of Intelligent Information & Database Systems (International).

Venue:

The venue is: Casino Barrière, Biarritz, <https://www.casinosbarriere.com/en/biarritz.html>

Important Dates:

- 20th of April 2020:
- 18th of May 2020:
- 1st of June 2020:

- Full papers submission
- Notification
- Camera readies and registration

