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RTCSA 2024 will be held in Sokcho, South Korea. The RTCSA conference (now in its 30th edition) serves as a pivotal platform for experts from both academia and industry, fostering advancements in **technology** and **theory** for **time-sensitive** applications. The conference's scope encompasses all applications where temporal aspects need to be considered. **CPS, (Industrial) IoT, embedded systems, fog/edge/cloud computing** are just notable examples. RTCSA is especially open to new and emerging topics.

Important dates

- Abstract Submission Deadline: ~~**March 29**~~ **extended to April 12, 2024 (FIRM deadline)**
- Full Paper Submission Deadline: ~~**April 5**~~ **extended to April 19, 2024 (FIRM deadline)**
- Acceptance Notification: **May 22, 2024**
- Camera-Ready Submission Deadline: **June 7, 2024**
- Conference Date: **August 21-23, 2024**

(All times are UTC-12, or "anywhere on earth", unless otherwise stated.)

Scope

The **30th edition** of RTCSA welcomes both research and industrial papers that describe research or technical aspects in the area of embedded and real-time systems. RTCSA 2024 seeks papers that describe original research in these areas, particularly in:

REAL-TIME SYSTEMS TRACK

- Real-Time Scheduling
- Workload models for real-time systems
- Temperature/Energy-aware Scheduling
- Scheduling over heterogeneous architectures
- Scheduling over distributed architectures
- Timing Analysis
- Formal methods for temporal guarantees
- Programming Languages and Run-Time Systems
- Middleware Systems
- Communication Networks and Protocols of Real-Time Systems
- Time-Sensitive Media Processing and Transmissions
- Latency and throughput in Real-Time Databases

IoT, CPS, AND EMERGING APPLICATIONS TRACK

- Systems, Technology and Foundations of IoT and CPS
- Applications and Case Studies of IoT and CPS
- Smart and Connected Health
- Industrial Internet and Industry 4.0
- Smart City Technology and Applications
- Smart Transportation and Infrastructure
- Cyber-Physical Co-Design
- Cloud, Middleware and Networks for IoT and CPS
- Wireless Sensor-Actuator Networks for IoT and CPS
- Medical CPS
- CPS Software/System Engineering

EMBEDDED SYSTEMS TRACK

- Multi-Core Embedded Systems
- Operating Systems
- Non-Volatile Memory and Storage
- Embedded Systems for Machine-Learning
- Power/Thermal Aware Design
- Fault Tolerance and Security
- Sensor-based Systems and Applications
- Reconfigurable Computing Architectures and Software Support
- Ubiquitous and Distributed Embedded Systems and Networks

Paper Submission

Both research and industry track papers are solicited. The submitted manuscript must describe **original** work **not previously published** and **not concurrently submitted** elsewhere. We welcome high quality papers, either in :

- Full Paper format: any submitted paper must fit within **10 pages** in the IEEE conference proceedings format (two-columns, single-space, 10pt) **including references and acknowledgements**, or
- Short Paper format: max **6 pages**, including references and acknowledgements.