

## CALL FOR PAPERS

## RTCSA 2004



### Welcome to RTCSA 2004!

The 10th RTCSA conference will bring together researchers and developers from academia and industry for advancing the technology of real-time and embedded computing systems and applications.



RTCSA'04 seeks papers that describe original research in the area of real-time and embedded systems. Papers accepted to the conference will be published in the conference proceedings as a volume in the Lecture Notes Series by Springer-Verlag.



Selected papers will be published in a special issue of embedded systems journal.

**Gothenburg  
Sweden**

Important Dates
<p>Deadline for submission <b>April 22</b>                      Notification of acceptance <b>May 25</b>                      Camera-ready copy <b>June 15</b>                      Conference dates <b>August 25-27</b></p>

Program Chairs
<p>Jörgen Hansson, Sweden                      Moon Hae Kim, Korea</p>

General Chair
<p>Jing Chen, Taiwan</p>

Program Committee
<p>Al Mok, USA                      Alessio Bechini, Italy                      Bruno Sadeg, France                      Chi-Sheng Shih, Taiwan                      Chih-Wen Hseuh, Taiwan                      Giorgio Buttazzo, Italy                      Guillem Bernat, UK                      Insup Lee, USA                      Jan Jonsson, Sweden                      Jing Chen, Taiwan                      Joseph Ng, Hong Kong                      Kam-Yiu Lam, Hong Kong                      Karl-Erik Arzen, Sweden                      Mikael Nolin, Sweden                      Nimal Nissanke, UK                      Ola Redell, Sweden                      Petru Eles, Sweden                      Raj Rajkumar, USA                      Rajesh Gupta, USA                      Riccardo Bettati, USA                      Sang Lyul Min, Korea                      Sanjoy K. Baruah, USA                      Seongsoo Hong, Korea                      Sten F. Andler, Sweden                      Tatsuo Nakajima, Japan                      Tom Henzinger, USA                      Victor Lee, Hong Kong                      Young-Kuk Kim, Korea                      Wang Yi, Sweden                      Wei Zhao, USA</p>

Steering Committee
<p>Heonshik Shin, Korea                      Hideyuko Tokuda, Japan                      Jane Liu, USA                      Kang Shin, USA                      Kenji Toda, Japan                      Seung-Kyu Park, Korea                      Tei-Wei Kuo, Taiwan</p>

### Scope of the conference

The 10th RTCSA will bring together researchers and developers from academia and industry for advancing the technology of real-time and embedded computing systems and applications. The conference has the following goals:

1. to investigate advances in real-time systems and applications;
2. to promote interaction among real-time systems and applications;
3. to evaluate the maturity and directions of real-time system technology.

RTCSA'04 seeks papers that describe original research in the area of real-time and embedded systems. This include, but is not limited to:

- operating systems and middleware
- quality of service and scheduling
- software engineering
- fault-tolerance and distributed systems
- embedded and real-time databases
- programming languages and run-time systems
- component-based systems
- formal methods, and design and analysis tools
- sensor networks, communication networks and protocols
- real-time control and sensing
- hardware software co-design and system on a chip
- power consumption
- case studies.

### Submissions

Papers should be full papers describing original research; papers describing new ideas, promising approaches, experiences with practical and research systems are considered particularly appropriate. Full papers should be submitted electronically through our web form in a pdf or postscript format. The material must be unpublished and not under submission elsewhere. The paper should not exceed 5000 words and 20 pages in double-line spacing format. Please note that papers exceeding such limits may not be considered for review.

### Conference Venue

The conference will be held in Gothenburg, Sweden.

Gothenburg is a city characterized by international style, local creativity and a natural, relaxed charm. The pulse of a big city, cultural experiences, beautiful countryside and shopping, all within comfortable walking distance.

Gothenburg's parks are famous, as are the events held at the large arenas. One of Europe's finest archipelagos lays no more than a tram ride away.

The city is often likened to San Francisco because, like the American city, this west-coast location has plenty of bridges, hills, water, trams and seafood restaurants.