RTCSA2005
17-19 August

Sponsored by:
IEEE Computer Society, Technical Committee on Real-Time Systems
IEEE Hong Kong Section Computer Chapter

Final Call for Papers
(Deadline extended to 8th April 2005)

RTCSA 2005 is going to be held in Hong Kong. Carry on with the tradition, the RTCSA conference series, will bring together researchers and developers from academia and industry for advancing the technology of embedded and real-time computing systems and applications.

RTCSA seeks both research and industry track papers that describe research or technical aspects in the area of embedded and real-time systems. Proceedings will be published by the IEEE Computer Society.

Scope of Conference

The 11th RTCSA will bring together researchers and developers from academia and industry for advancing the technology of embedded and real-time systems and ubiquitous computing applications. The conference has the following goals:

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

RTCSA 2005 seeks papers that describe original research in the area of embedded and real-time systems and ubiquitous computing. This include, but is not limited to:

- embedded software / system on chip
- real-time / embedded operating systems
- ubiquitous/pervasive computing / information appliances
- hardware / software co-design
- QOS supports in OS / middleware
- design methodology and software architectures for embedded systems
- system support for mobile computing
- case studies / industrial experiences with building embedded applications
- government supported projects, open source projects
- sensor networks

Submissions

Both research and industry track papers are solicited. Research papers should be full papers describing original research; papers describing new ideas, promising approaches, experiences with practical and research systems are considered particularly appropriate. Industry track papers should describe interesting technical aspects of industrial applications, prototypes, experiences, and standards. Research papers must not exceed 16 double-spaced pages and industry track papers must not exceed 10 double-spaced pages. 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.

Special Issue for Selected Papers

Selected papers will be published in a Special Issue of Real-Time Systems Journal (Springer).

Important Dates

Extended Submission Deadline	8 April
Notification of Acceptance	10 May
Camera-ready Copy	1 June
Conference Dates	17-19 August

Advisory Committee
Insup Lee, U. Penn., USA
Jane Liu, Academia Sinica, Taiwan
Al Mok, UT Austin, USA
Seung-Kyu Park, Ajou U., Korea
Heonshik Shin, SNU, Korea
Kang G. Shin, U. Michigan, USA
Kenji Toda, AIST, Japan
Hideyuki Tokuda, Keio U., Japan

Steering Committee
Tei-wei Kuo, NTU, Taiwan
Jorgen Hansson. Linkoping, Sweden
Seongsoo Hong, SNU, Korea
Tatsuo Nakajima, Waseda U, Japan
Joseph K. Ng, HKBU, HK
Sang H. Son, U. Virginia, USA

Organizing Committee
General Co-Chairs
Joseph K. Ng, HKBU, HK
Lui Sha, UIUC, USA
Program Co-Chairs
Real-Time Computing Track
Victor C. S. Lee, CityU, HK
Ubiquitous Computing Track
Kazunori Takashio, Keio U, Japan
Embedded Computing Track
Minsoo Ryu, HanYang U, Korea
Industry Track
Lionel Ni, HKUST, HK
Finance
Henry Chan, PolyU, HK
Registration
C. H. Li, HKBU, HK
Publication
Kelvin Wong, HKBU, HK
Local Arrangement
Karl Leung, HKIVE, HK
Leah Poon, HKBU, HK
Publicity
Richard West, Boston U, USA
Heonshik Shin, SNU, Korea
Tatsuo Nakajima, Waseda U, Japan
Tei-Wei Kuo, NTU, Taiwan

Program Committee
Ai-Chun Pang	Taiwan
Albert M. K. Cheng	USA
Alessio Bechini	Italy
Aloysius K. Mok	USA
Andrei Stefan	Singapore
Anton Cervin	Sweden
Bruno Sadeg	France
C.K. Poon	Hong Kong
Chang-Gun Lee	USA
ChengKe Wu	China
Chih-Wen Huseh	Taiwan
Chi-Sheng (Daniel) Shih	Taiwan
Claude Duvallet	France
Daeyoung Kim	Korea
David Taniar	Australia
Dik L. Lee	Hong Kong
Dong Xuan	USA
Evaggelia Pitoura	Greece
Farn Wang	Taiwan
Giorgio Buttazzo	Italy
Hans Hansson	Sweden
Hidenori Nakazato	Japan
Hiroaki Takada	Japan
Hong-Va Leong	Hong Kong
Iain Bate	UK
Insup Lee	USA
Jan Lindstrom	Finland
Jiandong Li	China
Jianhua Ma	Japan
Jianliang Xu	Hong Kong
Jiannong Cao	HK
Jing Chen	Taiwan
Jyh-Charn (Steve) Liu	USA
KrithiRamamritham	India
Kwei-Jay Lin	USA
Kwok-Wa Lam	Hong Kong
Laurence Yang	Canada
Le Gruenwald	USA
Leonard Barolli	Japan
LihChyun Shu	Taiwan
Lui Sha	USA
Makoto Takizawa	Japan
Mikael Nolin	Sweden
MingLu Li	China
Nimal Nissanke	UK
Oleg Sokolsky	USA
Petru Eles	Sweden
Raj Rajkumar	USA
Samarjit Chakraborty	Singapore
Sang H. Son	USA
Sang Lyul Min	Korea
SangKeun Lee	Korea
Sanjay Madria	USA
Sanjoy K. Baruah	USA
Tarek Abdelzaher	USA
Timothy K. Shih	Taiwan
Tom Henzinger	USA
Vincent S. M. Tseng	Taiwan
Wang Yi	Sweden
Wang-Chien Lee	USA
Wei Zhao	USA
Weidong, Kou	China
Wei-Kuan Shih	Taiwan
Wolfgang A. Halang	Germany
Xiang Liu	China
Yann-Hang Lee	USA
Yoshiaki Kakuda,	Japan
Young-Kuk Kim	Korea
ZhaoHui Wu	China
Zoubir Mammeri	France
Zied Choukair	France

Organized by:

Sponsored by:

IEEE