

Call for Papers

Track 3

Real-time and (networked) embedded systems

Track Co-Chairs

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Embedded systems are increasingly taking advantage of the opportunities afforded by ubiquitous connectivity and networks to offer new and original functions and solutions. Together with the hard real-time constraints often associated with these applications, the design of embedded systems requires the development of efficient platforms supported by innovative technologies, methodologies and algorithms. This track brings together the experts to present the latest developments and progress. Hence, contributions are sought in, but not limited to, the following areas:

- Technology in real-time and (networked) embedded systems (RTNES):
 - Real-Time Computing and Operating Systems
 - Real-Time Communications
 - Networked Embedded Systems Technology
 - Wireless Sensor Networks
 - Embedded Systems Security
 - Sensor Technology
 - Cyber Physical Systems
- Design and methods in RTNES:
 - Design and Implementation
 - Design Methodologies and Tools
 - Models of Computation and Formal Methods
 - Hardware/Software Co-Design
- Components and platforms in RTNES:
 - IP Cores and Platforms
 - System on Chip and Architectures
 - Languages
- Algorithms and control in RTNES:
 - Power Supply and Management
 - Data Integration and Fusion
 - Communication Modes
 - Quality of Service control
- Case studies in RTNES:
 - Case studies (industrial automation, automotive, avionics, communications...)

Submission of Papers: Paper should be submitted following the "Instruction for Authors" under the Call for Papers on the EFTA'2008 Conference Web site (<http://www.etfa2008.org>).

Paper Acceptance: Each accepted paper must be presented at the conference by one of the authors. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees, including authors and session chairpersons, must pay the conference registration fee and their travel expenses.

Author's Schedule:

Deadline for submission of long papers:	April 30, 2008
Notification of acceptance of long papers:	June 1, 2008
Deadline for submission of final manuscripts:	July 1, 2008

Further Information:

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