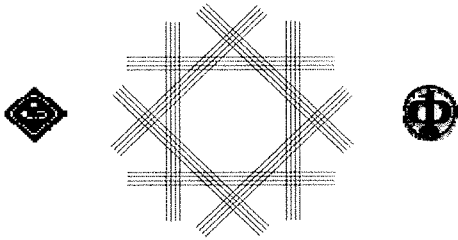# CALL FOR PAPERS

The Sixteenth International Workshop on Parallel and Distributed Real-Time Systems

WPDRTS 2008

April 14, 2008

In conjunction with IPDPS 2008
Miami, Florida , USA

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The International Workshop on Parallel and Distributed Real-Time Systems is a forum for the presentation and discussion of approaches, research findings, and experiences in the area of parallel and distributed real-time systems. The ultimate goal is to envision new trends and ideas about theoretical and practical aspects of designing, implementing, and evaluating future real-time system platforms for next generation of computing applications. Both research and development of relevant technologies are of interest, as well as the applications built using such technologies. This year's workshop will feature special and invited sessions that highlight industry-related advances and challenges in real-time systems.

Topics of interest include but are not limited to:

- Adaptive and reflective real-time systems
- Applications, benchmarks, and tools
- Multi-platform solutions and runtime platforms interworking
- OS support and integration between runtime platforms and native OS
- Architectures and hardware/software co-design
- Distributed real-time and embedded middleware
- Fault-tolerance, security, and robustness
- Real-time operating systems
- Real-time and embedded databases
- Soft real-time and mixed-critical systems
- Algorithms and Applications
- QoS based resource management and real-time scheduling
- Programming languages and environments
- Specification, modeling, and analysis of real-time systems
- Real-time communication protocols and architecture
- Formal Methods for Distributed Real-time Systems
- Certification of Real-time Systems

PAPER SUBMISSION:

Submitted manuscripts may be maximum 8 pages long, including figures, tables, and references. They should be in double column format, using at least 10 pts font on letter-sized paper (8.5"x11"). Please use the standard 1-inch margin. The accepted paper format is PDF only. Include an abstract and 5-6 keywords for the technical areas most relevant to your paper. The workshop proceedings will be published by IEEE CS press and selected papers will be published in a respected research journal.

IMPORTANT DEADLINES	
Manuscripts due (extended):	November 19, 2007
Acceptance Notification:	January 7, 2008
Camera ready copies due:	January 28, 2008

Submission will be handled using EDAS. Instructions will be available at the WPDRSTS 2008 web site: http://www.isis.vanderbilt.edu/wpdrts08/