

Eighth International Workshop on Parallel and Distributed Real-Time Systems

held in conjunction with
International Parallel and Distributed Processing Symposium

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Cancun, Mexico

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Message from the Program Chairs

The Eighth International Workshop on Parallel and Distributed Real-Time Systems (WPDRTS'00) is a forum that covers recent advances in real-time systems – a field that is becoming an important area in the field of computer science and engineering. It brings together practitioners and researchers from academia, industry, and government, to explore the best current ideas on real-time systems, and to evaluate the maturity and directions of real-time system technology. As the demand for advanced functionalities and timely management of real-time systems continue to grow, our intellectual and engineering abilities are being challenged to come up with practical solutions to the problems faced in design and development of complex real-time systems. The workshop presents the papers that demonstrate recent advances in research pertaining to real-time systems. Topics addressed in WPDRTS'00 include:

Communication and Coordination
Real-Time and Fault-Tolerance
Real-Time Databases
Scheduling and Resource Management
QoS and Simulation

In addition to the regular paper presentation, the workshop also features a Keynote Speech, “Real-Time Application Specific Operating Systems: Towards a Component Based Solution,” by Jack Stankovic, University of Virginia, an invited papers session, and a panel discussion.

We would like to thank all who have helped to make WPDRTS'00 a success. In particular, the Program Committee members carefully reviewed the submitted papers. We also would like to thank the authors of all the submitted papers. The efforts of the Steering Committee chair and the Publicity chair are also greatly appreciated. Finally, we thank the IPDPS organizers for providing an ideal environment in Cancun.

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