Message from the Program Chairs

This volume contains the proceedings of the Joint Workshop on Parallel and Distributed Real-Time Systems, the Fifth International Workshop on Parallel and Distributed Real-Time Systems (WPDRTS) and the Third Workshop on Object-Oriented Real-Time Systems (OORTS). It features manuscripts that demonstrate refereed, original, unpublished research pertaining to real-time systems that are parallel and/or distributed, representing experimental and commercial systems, their scientific and commercial applications, and theoretical foundations. Topics addressed in this volume include:

- Architectures
- Distributed Real-Time Systems
- Real-Time Databases
- Multi-processor Real-Time Systems
- Formal Methods
- Multi-media and Object-Oriented Real-Time Systems

In addition to the regular paper presentations, the workshop also featured a Keynote Speech, "Coming Attractions in Software Architecture" by Paul Clements, Software Engineering Institute, Carnegie Mellon University, and three Invited Sessions. They include: "Software Architecture and Architecture Description Languages for Distributed and Parallel Systems" organized by Bruce Lewis, Army MICOM, USA and Maarten Boasson, Hollandse Signaalapparaten B.V., The Netherlands; "Modeling of Hybrid Real-Time Systems" organized by Guenter Hommel, Berlin University of Technology, Germany and Christian Kelling, Fraunhofer Institute for Software and Systems Engineering, Germany; "Object-Oriented Real-Time Systems" organized by Dieter K. Hammer, Eindhoven University of Technology, The Netherlands, and Lonnie R. Welch, The University of Texas at Arlington, USA; and a Special Session on "Distributed Real-Time Problem Solutions" organized by Norman R. Howes, Institute for Defense Analysis, USA.

We would like to thank all who have helped to make WPDRTS and OORTS a success. In particular, the advisory and program committees provided valuable guidance and support. The efforts of the publicity and publication chairs are also greatly appreciated. We would like to thank those who generously sponsored the workshop: Naval Surface Warfare Center Dahlgren Division, NSWCDD, U.S. Army MICOM, and Hollands Signaalapparaten, B.V., the Netherlands.

Finally, we thank the IPPS organizers for providing an ideal environment in Geneva.

Tadashi Ae  Guenter Hommel  Norman R. Howes