Message from the Program Chairs

WORDS 2005 is the tenth in the highly successful WORDS series of workshops. It continues its theme of integrating the three computer system engineering technologies in object-oriented, real-time, and dependable computing.

This year’s workshop served once again as a forum for the exchange of newly recognized research issues, advanced promising problem formulations, and research progress reports among researchers and technologists with significant experiences in research and advanced industrial applications such as multimedia manipulations, electronic business, embedded computing, and safety-critical applications that include integrations between object-oriented, real-time, and dependable system engineering technologies.

This year, we had 50 papers, presented in 11 sessions. Technical issues covered in these papers spanned a range of areas including object-oriented architecture and system design; real-time system design; and dependable system design including reliability, security, and robustness. Application domains covered in these papers spanned a similarly ambitious range of areas including multimedia manipulations, embedded systems, Web services, and military systems.

In addition to the traditional format seen at other workshops in which audience members are encouraged to ask questions during and immediately following the presentations, we scheduled additional time for open discussion and brainstorming at the end of each session. These discussions served to connect related issues between papers in each session, and even across sessions, as well as to spark a wider and more detailed consideration of new issues, problems, candidate solutions, and research directions. These discussion sessions have become a hallmark of the WORDS series of workshops, with eager participation from all attendees, and this year’s discussion and brainstorming sessions were no exception.

We wish to thank all of the authors, speakers, and program committee members for their involvement in WORDS 2005. The workshop truly could not have succeeded without their contributions. We also wish to thank the WORDS 2005 workshop chairs, Wei-Tek Tsai, Jean-Pierre Banâtre, and Tohru Kikuno, for their kind invitation to serve as program chairs for WORDS 2005, and for their sustained and generous support of our efforts in that role.