Message from the Workshop Co-Chairs

Over the past two decades the following three major computer system engineering technologies (CSETs) were evolving largely independent of each other:

Object-oriented CSET,
Real-time CSET, and
Dependable CSET.

While we were observing these developments, the conviction kept growing in our minds that the intersection of these three CSETs would be an extremely desirable target to pursue for computer system researchers. Such an integrated technology may be called the ORDS (Object-oriented Real-time Dependable System) technology.

With the hope of stimulating the acceleration of these technology integration activities, we decided to volunteer to organize this workshop as a forum for the substantial, not cosmetic, exchange of ideas and useful technological information.

As the first workshop dealing with the subject of integrating the three component technologies, WORDS'94 was very successful. It served well as a forum for the valuable exchange of newly-recognized research issues, promising advanced formulations, and research progress reports that are of a conceptual, theoretical, innovative design, or experimental nature and represent technological or scientific advances. More than 40 researchers participated, and most of the presented papers were polished further after the workshop and assembled into this proceedings. In preparing the program for WORDS'94, our position was to welcome contributions that represent significant advances in any two of the three component technology fields, rather than focusing on those contributions that cut across all three component technologies. We believe this policy should continue for a few years in the WORDS series.

The location of WORDS'94 was an excellent one, an opinion echoed by all participants. Significant and enjoyable technical exchanges took place among the participants in a relaxing atmosphere and beautiful natural surroundings. The success of this workshop was due to the efforts of all the participants, but we would like to note the sizable contributions of the program committee co-chairs, Kwei-Jay Lin and Edgar Nett; all the program committee members; the local arrangement chair, Phillip Siew; the committee members, Luiz Bacellar, Chittur Subbaraman, Yuseok Kim, and Taehyung Wang; and the registration officer, Astrid Boetel.

It was a great pleasure to be a part of the team organizing this wonderful start of the WORDS series. We can hardly wait for the next WORDS and it is exciting to imagine what kinds of advances in the ORDS technology will have occurred by then!

Kane Kim
Workshop Co-Chair

Hermann Kopetz
Workshop Co-Chair