Message from the Co-Chairs

This is a great start!
The ISORC is a new IEEE Computer Society symposium series dealing with the emerging object-oriented real-time distributed computing (ORC) technology. In the past 2-3 years, the ORC has become a rapidly growing young technological field. So far, the technical meetings that concentrated on this ORC technology were of the workshop type. It is our judgment that the entire field of ORC has now outgrown the capacity that a typical workshop can provide.

The main technical theme of the ISORC is how to extend the well established object-oriented computing technology, i.e., the technology that has prevailed the non-real-time business data processing field in the past decade, into the technologies that are effectively applicable to various classes of real-time applications.

The ISORC was created with the goal of becoming an exemplary symposium series with respect to the maintenance of an open symposium spirit. The following guidelines were used by the Program Committee (PC) in evaluating the submitted papers and composing the technical program.

(1) Papers presenting practical techniques, ideas, or evaluations will be favored. Papers reporting practical experiences or experimental developments are particularly welcome.

(2) Papers completely lacking originality will not be acceptable. However, for the papers reporting experiences or experiments, the originality will not be interpreted narrowly. For example, new evidences leading to a conclusion similar to the conclusion that was supported by different evidences earlier in literature, will still be given serious considerations as long as clear references to the earlier works are given.

(3) Papers that are based on exceedingly unrealistic assumptions will not be accepted however mathematically or logically sophisticated the discussion may be.

The result of the hard work of the Program Committee, other officers of ISORC '98, and the authors of the submitted papers, is this excellent Proceedings. We feel that in terms of the advanced and serious nature and the timeliness of the discussions, this Proceedings is outstanding. The symposium is also lucky to have Richard Soley, the Chairman and CEO of OMG, as the keynote speaker. In our judgment, he is the most fitting keynote speaker for the first ISORC. We are also very lucky to have Brian Randell, Professor at the University of Newcastle upon Tyne, UK, as the banquet speaker. Considering his contributions over the past 35 years to various important branches of computer science such as software engineering, compiler structuring, reliable computing, distributed computing, and computer history, we consider him the most fitting banquet speaker for the first ISORC. The stature of ISORC '98 has been further significantly enhanced by the two excellent panels incorporated.

Another attractive component of ISORC '98 is its location, Kyoto, which is an ancient capital and a major center of cultural treasurers of Japan and is meticulously maintained by the united efforts of both Japanese citizens and the Japanese government. We are also grateful to the Japanese organizers of ICSE '98 who invited ISORC '98 to be in the same location during the same week with ICSE '98, even though the ISORC series is completely independent of the ICSE series. The benefits of this arrangement to both conferences in 1998 have become very substantial as expected.
This marvelous start of the ISORC series is largely due to the efforts of all participants including authors, reviewers, committee members, and symposium attendees, but more than usual contributions of several individuals are worth particular notes. We are particularly grateful to the PC co-chairs, Insup Lee, Tohru Kikuno, and Dieter Hammer. Masunori Kubota and Toshimi Minoura handled the local arrangement matters very nicely along with Mikio Aoyama, and the publicity efforts were under the effective coordination by Ray Paul, Makoto Takizawa, and C. V. Ramamoorthy. We are also grateful to Eltefaat Shokri for handling the publication matters, and to Chittur Subbaraman, Kenji Toda, and Masaki Ishida for handling the registrations and financial matters. Omron Corporation kindly extended its hospitality to symposium attendees by presenting them souvenirs. Finally, we would like to gratefully acknowledge the representatives of our sponsors, Joseph Urban representing IEEE TCDP, Hermann Kopetz representing IFIP WG10.4, the chairman of SIGSE of IPSJ, and Richard Soley representing OMG. We look forward to observing the guaranteed continuous growth of the ISORC series.

Kane Kim  Kindji Mori  Edgar Nett

ISORC '98 Co-Chairs