Welcome to WORDS 2005, the 10th IEEE International Workshop on Object-Oriented Real-Time Dependable Systems, and welcome to Sedona, Arizona. In the past nine years, WORDS series provided a forum for researchers and technologists in computer system engineering to define research directions, share ideas, and promote cooperation among academia, industry, and government agencies. WORDS 2005 continues its tradition and theme in integrating object-oriented, real-time, and dependable system engineering technologies, as well as their applications in other areas such as multimedia manipulations, electronic commerce, embedded computing, and safety-critical systems.

This year we also have a special track of sessions on Service-Oriented Architecture (SOA) and the trustworthy Web Services (WS), which are a blend of object-oriented, real-time, and dependable system engineering technologies. SOA and WS are enabling a new paradigm for programming and operation of business applications, in which loosely coupled and autonomous services can communicate, ordinate, and collaborate effectively based on well-defined interoperable interfaces and protocols.

WORDS 2005 was held in Sedona, which is located between the Grand Canyon and Phoenix, with convenient airport shuttles and direct freeway from Phoenix International Airport. Sedona is at the lower end of Arizona’s spectacular Oak Creek Canyon, renowned for its stunning red buttes and monoliths, as well as its surrounding lush forests. In the tightly scheduled program, the delegates were able to take a break to experience the picturesque red rock mountains in the wide-open terrain of the high desert outback in a stunning off-road safari.

The success of the workshop depends on its program and the participants. As workshop chairs, we would like to thank the program chairs Chris Gill, Neeraj Suri, and Young-Sik Hong, as well as the members of the program committee, for putting together a high-quality program that made the workshop a great success. We would like to thank the members of the advisory and publicity committee for their contribution in publicizing the workshop and bringing high-profile researchers, technologists, and practitioners to the workshop. We also would like to thank our honorary chair, Stephen Yau, and the steering committee chair, Kane Kim, for their contributions to the workshop series. We also like to extend our thanks to the two invited keynote speakers, Dr. Raymond Paul of DoD OSD NII and Dr. Helen Gill of NSF. Both delivered new research directions from the DoD and NSF points of view. Both talks were well received and stimulated lots of discussions after their talks. Finally, we would like to take this opportunity to thank the members of the local operations committee chaired by Yinong Chen for their seamless operations before, during, and after the workshop.

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