

# Message from the General Chairs and Program Chairs

Welcome to the Second International Conference on Autonomic Computing (ICAC 2005) and to Seattle, Washington.

ICAC 2005 is the second in a series of conferences addressing both theoretical and practical issues in the field of Autonomic Computing. The ICAC conference series emerged from two very successful workshops held in the summer of 2003, *Algorithms and Architectures for Self-Managing Systems* and the *Active Middleware Services Workshop on Autonomic Computing*, with the goal of establishing a full-fledged, comprehensive conference to fulfill the needs of this rapidly growing research community. The first conference, ICAC 2004, was held in New York City, New York, in May 2004, and attracted nearly 150 submissions and over 150 attendees.

The goal of the Second International Conference on Autonomic Computing is to bring together researchers from different fields of research who are addressing aspects of self-management in computing systems and to develop and nurture a community that can work together to realize the vision of large-scale self-managing systems. The ICAC 2005 call for papers, once again, received an overwhelming response, attracting nearly 150 papers and poster submissions from universities and industry labs all over the world, representing a broad array of topics pertaining to autonomic computing. With remarkable dedication, Program Committee members and their colleagues carefully reviewed this large volume of papers and posters, finally resulting in the outstanding selection of 25 full papers and 39 posters that appear in these proceedings.

This event and program would not have been possible without the tremendous efforts of the Steering, Program, and Organizing Committees. We are grateful to the Program Committee for their outstanding efforts in assembling such an excellent program, and to the authors who submitted the-high quality material from which the program was selected. We also gratefully acknowledge the IEEE Computer Society and the National Science Foundation for sponsoring the conference, as well as support from BT, DoCoMo USA Labs, Hewlett-Packard, IBM Corporation, Intel, Microsoft Research and Raytheon. We thank our finance chair, Pat Rago, for a great job in securing broad corporate sponsorship; our publicity chairs, Fabrice Saffre and Dongyan Xu, for publicizing the conference so effectively and generating a truly worldwide response to our Call for Papers; and our demo/tutorials chair, Brad Topol, for assembling our first-ever demo session, which promises to be a state-of-the-art showcase for autonomic technologies. Finally, special thanks are due to Kelly Sutton from the University of Arizona for dealing expertly and seamlessly with the myriad complex logistics.

Once again, we welcome you to Seattle, and we hope you find ICAC 2005 to be an interesting and rewarding event.

**Manish Parashar**, *Rutgers University*  
**Jeffrey Kephart**, *IBM Research*  
*General Co-Chairs*

**Karsten Schwan**, *Georgia Tech*  
**Yi-Min Wang**, *Microsoft Research*  
*Program Co-Chairs*