Welcome to NCA 2011, the 10th IEEE International Symposium on Network Computing and Applications. NCA is a forum for researchers from a variety of areas in networking and networked systems, from protocol development to middleware and the application layer. The past ten years have seen extensive research into self-healing networks, autonomic network computing and cloud computing. The symposium's deliberately broad focus reflects all these trends and provides a forum for cross-fertilization among the many strands of network computing research.

This year, 96 papers from all parts of the world were submitted. Of these, the Program Committee selected 27 papers as regular long papers (28% acceptance ratio), 30 as short papers and one paper for the INMC workshop. Most papers were read by three reviewers. Many thanks go to the members of the PC and the external reviewers for all their work in reading, evaluating, and providing detailed feedbacks.

Two papers were selected for Best Paper awards – one for a regular paper and one for a student paper. In addition, the authors of the two best papers, in the area of cloud computing, were invited to submit revised and extended versions for a special section „Optimizing the Cloud“ to IEEE Transactions on Computers.

We hope that you will find this symposium stimulating, informative and enjoyable. As well, you will plan some time to enjoy the rich historical and cultural attractions of the Boston/Cambridge area.

Enjoy IEEE NCA’11 and your stay in Cambridge!

Peter Scheuermann
Program Committee Chair