

Candidate for Chair



Roy Want
Intel Corporation, Santa Clara, CA, USA

BIOGRAPHY

Academic Background:

Ph.D., Cambridge University, UK, 1988, Computer Science.

Professional Experience:

Sr. Principal Engineer, Intel Corporation, Santa Clara, CA, USA, 2000 – 2009;
Principal Scientist, Xerox PARC, Palo Alto, CA, USA, 1991 – 2000;
Member of Research Staff, Olivetti Research, Cambridge, England, UK, 1988 – 1991.

Professional Interest:

Mobile Computing, Systems & Applications; Distributed Systems; Low-Power Design;
Radio Frequency IDentification (RFID); MEMS.

ACM Activities:

Technical Program Chair, ACM HotMobile 2010, 2009 – 2010;
Technical Program Chair, ACM MobiSys 2004, 2003 – 2004;
Program Committees, ACM MobiSys, 2004 – 2009;
Program Committees, ACM MobiCom, 2000 – 2001.

Membership and Offices in Related Organizations:

Editor-in-chief, IEEE Pervasive Computing magazine, IEEE Computer Society,
2006 – 2009.

Awards Received:

ACM: ACM Fellow, 2005.
Other: IEEE Fellow, 2005.

STATEMENT

Mobile computing is one of the fastest growing areas of computer science, and with over 1 billion cell phones being sold last year, and 3.3 billion wireless subscribers worldwide, developments in mobile systems will have global significance. It is therefore important that SIGMOBILE be well represented in the research community to ensure it plays a leading role within the ACM.

I have been working with mobile systems for over 20 years and have gained wide industrial experience at Intel, Xerox and Olivetti, enhanced by many close ties with academia, supporting and working alongside professors and students on their research.

My early years at PARC gave me with the fortunate experience of working with Mark Weiser, one of the founders of Ubiquitous Computing providing a broad experience of designing mobile hardware, low-power systems, mobile code, middleware, wireless protocols and their supporting applications. These projects have given me a holistic understanding of the many facets of mobile computing, and I feel I can represent the objectives and concerns of every one of our members. In the role of Chair for SIGMOBILE, I have the skills and motivation to serve you well.