

SGB Position: SGB EC Member at Large

Douglas B. Terry

Principal Researcher, Microsoft Research Silicon Valley, Mountain View, CA

BIOGRAPHY:

Academic Background

B.A., U. C. San Diego, 1979, Computer Science

Ph.D., U. C. Berkeley, 1985, Computer Science

Professional Experience

Principal Researcher, Microsoft Research Silicon Valley, 2001-present.

Perform research on the design and implementation of novel distributed systems, addressing issues such as information management, fault-tolerance, and mobility. Was a key contributor to Microsoft's Sync Framework and other products. Currently leading a research project on Community Information Management. Wrote a widely acclaimed Synthesis Lecture on *Replicated Data Management for Mobile Computing*.

Founder and CTO, Cogenia, Inc., 2000-2001.

Founded a start-up company that developed an innovative mobile computing platform but did not survive the "dot com bust."

Researcher/Principal Scientist/Chief Scientist, Xerox PARC, 1984-2000.

Instrumental in defining the notion of ubiquitous computing; particularly known for his work on collaborative filtering, multimedia network services, continuous queries, epidemic algorithms, and replicated systems.

Adjunct Professor/Visiting Lecturer, U. C. Berkeley and Stanford University, 1985-present.

Taught graduate courses on distributed systems, operating systems, mobile computing, and networking.

Professional Interests

Distributed Systems, Mobile Computing, Operating Systems, Databases, Networking.

ACM Activities

Chair, SIGOPS, 2007-present; Chair, SIGOPS Mark Weiser Award, 2006; Program Co-Chair, MobiSys 2004; Served on numerous ACM conference Program Committees: SOSP, SIGCOMM, ASPLOS, MobiSys, and PODC; Editorial Panel, Communications of the ACM, 1988-1996.

Membership and Offices in Related Organizations

Fellow of the ACM; Member, ACM and SIGOPS, 1980-Present; Member, IEEE Computer Society, 1980-Present.

STATEMENT FOR PUBLICATION:

Serving as an SGB EC Member-at-Large, I will bring the same energy, intensity, and dedication that I do as Chair of SIGOPS. As a member of the ACM for 25 years, I have always benefitted from the organization and its SIGs. I value the high quality conferences that ACM supports, the strong sense of community among its members, the forum it provides for exchanging and vetting new ideas, and its technical focus on practical problems that positively impact the computing world.

To the SGB EC, I will bring:

- (1) broad technical interests that range from operating and distributed systems to databases, security, mobility, networking, and collaboration;
- (2) diverse career perspectives from having worked at several industrial research labs, taught at universities, and founded a start-up company (Cogenia); and
- (3) a passion for service to the community as evidenced in my serving on program committees for numerous SIG-sponsored conferences, including SOSP, SIGCOMM, ASPLOS, MobiSys, and PODC, as well as the Mark Weiser Award committee.

I actively support ACM's desire for increased outreach to computing professionals in all parts of the world. I will listen to your needs, and I will do all that I can to maintain healthy SIGs with a vibrant membership and compelling benefits.