

## Candidate for Chair

Mark Crovella  
Boston University, Boston, MA USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of Rochester, 1994, Performance Prediction and Tuning of Parallel Programs.

#### Professional Experience:

Professor, Dept. of Computer Science, Boston University, Boston, MA, 2006 – 2009;  
Assistant, then Associate Professor, Dept of Computer Science, Boston University, Boston, MA, 1994 – 2006;  
Senior Computer Scientist, Calspan Corporation, Buffalo, NY, 1984 – 1994.

#### Professional Interest:

Computer Networking; Internet Measurement; Internet Servers; Data Mining; Network Security.

#### ACM Activities:

Chair, SIGCOMM, 2007 – 2009;  
Editor, Transactions on Networking and SIGCOMM CCR, 2000 – 2008;  
Awards Chair and member of the Executive Committee, SIGCOMM, 2003 – 2006;  
PC Chair, ACM SIGCOMM Internet Measurement Conference, 2003.

#### Membership and Offices in Related Organizations:

Senior Member, IEEE, 1994 – 2009;  
Member, IEEE Computer Society, 1994 – 2009.

### **STATEMENT**

SIGCOMM is a strong, vibrant organization that provides a set of crucial services to the community: it organizes and supports important conferences and workshops, recognizes excellence through its awards, nurtures new research areas, and works to strengthen the field of networking. Some of the ways the field has been strengthened in recent years is through an increasing level of international participation; through a set of conferences and workshops that is becoming wider in technical scope and broader in geographic diversity; and through an increasing level of dialog about the field's practices and principles.

If elected as chair for 2009-2011 my goal will be to continue these positive developments. In the past two years we've launched a new website that supports more responsive and

timely content; and we've launched a blog that has been a forum for valuable dialog in the community. If re-elected I seek to continue to increase the level of dialog and resulting feedback to the SIGCOMM officers; to tackle questions about how to fine-tune the organization and operation of the flagship conference; and to find ways to involve a greater portion of our membership in contributing to the SIG's decisions.

## Candidate for Chair

Bruce S. Davie  
Cisco Systems, Inc., Boxborough, MA USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of Edinburgh, 1989, Computer Science.

#### Professional Experience:

Cisco Fellow, Cisco Systems, Inc., Boxborough, MA, 1998 – 2009;  
Technical Leader, Cisco Systems, Inc., Chelmsford, MA, 1995 – 1998;  
Director of Internetworking Research, Bell Communications Research (Bellcore),  
Morristown, NJ, 1994 – 1995.

#### Professional Interest:

Computer Networking; Routing; Quality of service/congestion control; Internet measurement; Operating systems.

#### ACM Activities:

PC member, SIGCOMM, 2005 – 2006;  
PC member, SIGCOMM, 1995 – 1996.

#### Membership and Offices in Related Organizations:

Senior member, IEEE, 1996 – 2009.

### **STATEMENT**

SIGCOMM has been a source of inspiration for me ever since I attended my first SIGCOMM conference in 1990. My interests have always led me to the intersection between academic research and "real-world" implementation. I have found the annual SIGCOMM conferences to be the most reliable source of excellent research with high relevance to the larger networking industry. The topical workshops that have been added over the years also provide a valuable opportunity to address timely topics and to expand participation in the conference.

If elected as chair, I would aim to maintain the high quality of the conferences while also seeking to expand participation in both the main conference and the other conferences and workshops sponsored by the SIG. This is not just about attendance numbers, but about making SIGCOMM open and welcoming to a broader range of participants. Given my links to both industry and academia, I hope that I could help SIGCOMM to foster closer ties

between the two camps. Finally, I hope to uphold the tradition of Outrageous Opinions sessions that both inform and entertain.

For more information about my professional activities and research interests, please see <http://nms.lcs.mit.edu/~bdavie/> .

## Candidate for Vice Chair

Henning Schulzrinne  
Columbia University, New York, NY USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University Massachusetts Amherst, 1992, Electrical Engineering.

#### Professional Experience:

Department chair, Columbia University, New York, NY, 2004 – 2009;  
Professor, Columbia University, New York, NY, 1996 – 2009;  
Deputy Department Head, GMD Fokus, Berlin, Germany, 1994 – 1996.

#### Professional Interest:

Network protocols; Multimedia systems; Performance evaluation; Network management;  
Wireless systems.

#### ACM Activities:

Vice chair, SIGCOMM, 2007 – 2009;  
General co-chair, ACM Multimedia 2004, 2004;  
Technical program co-chair, ACM NOSSDAV 2001, 2001.

#### Membership and Offices in Related Organizations:

Board of Governors, IEEE Communications Society, 2002;  
Member, Internet Architecture Board (IAB), 1999 – 2001;  
Chair, ComSoc TCCC, 1999 – 2001.

#### Awards Received:

IEEE ComSoc TCCC outstanding service award, 2004; NYC Mayor's Award for Excellence in Science and Technology, 2004; VON Pioneer Award, 2000; IEEE Fellow, 2005.

### **STATEMENT**

SIGCOMM can pride itself on its record of fostering scientific exchange in the area of computer communication. I believe that the changes in networking research, e.g., through the next-generation Internet work, offer new opportunities to expand the impact of SIGCOMM. For example, new efforts are needed to bridge the gap between network research and current software development and standardization efforts, so that real-world problems can be solved and relevant research increases its impact. I believe my

background in a variety of standards and research organizations (IETF, Internet2, GENI) can help foster such interactions.

As current vice chair, I have helped lead discussions on how to structure conference steering committees for the SIGCOMM conference and other events, and considered how a larger variety of approaches and institutions can be represented at the main conference.

Given the proliferation of networking conferences, I consider it helpful to better document best practices and to capture more systematically the impact and review practices of conferences in the field.

We can all benefit by sharing educational resources, experiments and insights, so that a modern introductory and advanced networking courses can excite a new generation of students that have grown up with the Internet.

## Candidate for Vice Chair

David Wetherall  
University of Washington, Seattle, WA USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., MIT, 1998, Computer Science.

#### Professional Experience:

Director, Intel Research Seattle, Intel, Seattle, WA, 2006 – 2009;  
Associate Professor, Computer Science & Engineering, University of Washington, Seattle, WA, 2004 – 2009;  
Assistant Professor, Computer Science & Engineering, University of Washington, Seattle, WA, 1999 – 2004.

#### Professional Interest:

Mobile and ubiquitous computing; Network systems; Wireless; Security.

#### ACM Activities:

General Chair, SIGCOMM 2008, SIGCOMM, 2007 – 2008;  
PC Chair, NDSI 2005, SIGCOMM, 2004 – 2005;  
PC Chair, SIGCOMM 2003, SIGCOMM, 2002 – 2003;  
Founder and Steering Committee member, HotNets, SIGCOMM, 2002 – 2004.

#### Awards Received:

ACM: MobiSys 2008 Best Paper, 2008; SIGCOMM Test-of-Time Award, 2007; SIGCOMM 2002 Best Student Paper, 2002.  
Other: IEEE CS Bennett Prize (Best Paper in IEEE/ACM TON), 2005; Sloan Fellowship, 2004; NSF Career Award, 2002.

### **STATEMENT**

If elected, I will work to strengthen the broad networking community. I will encourage open participation in SIGCOMM activities and make the SIG leadership available and transparent to the community. To do this I will solicit input broadly and communicate regularly so that all can see what we have accomplished and will work next to achieve. And I will lead in the direction of diverse research and education opportunities that promote technical excellence for SIGCOMM. I will expand relations with our sister SIGs, e.g., SIGMOBILE, and improve the interactions between SIGCOMM and industry. In this way, I plan to keep networking research relevant and well-positioned, as part of the overall computing agenda.

Over the past decade, I have published in networking, systems, and mobile and ubiquitous computing. And I have contributed to the SIGCOMM community by serving as PC Chair of SIGCOMM and NSDI, General Chair of SIGCOMM, and by founding HotNets. These experiences have shaped my career and I now feel prepared to help lead the SIG. I hope you will elect me to serve!

For information on my professional activities, please see <http://djw.cs.washington.edu>.

## Candidate for Secretary/Treasurer

Jitendra Padhye  
Microsoft Research, Redmond, WA USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of Massachusetts Amherst, 2000, Computer Science.

#### Professional Experience:

Senior Researcher, Microsoft Research, Redmond, 2002 – Present;  
Assistant Researcher, ACIRI/ICSI, Berkeley, 2000 – 2002.

#### Professional Interest:

Networking; Systems; Mobile/Wireless Networking.

#### ACM Activities:

PC member, ACM SIGCOMM, 2005 – Present;  
PC member, ACM SIGCOMM, 2006 – Present;  
CCR Area Editor, ACM SIGCOMM, 2007 – Present.

#### Awards Received:

SIGCOMM - Test of time award, 2008.

### **STATEMENT**

If elected, I will work with the rest of the executive committee to strengthen our community. In my role as the secretary of the SIG, I will work to keep the community informed of the actions of the executive committee. In my role as the treasurer, I will try to ensure that the cost of attending various conferences in our area remains affordable. I will work with the conference organizers to seek new sources of funding, and try to find ways in which ACM and our sister SIGs can help share some of the costs.

I have been an active member of the SIGCOMM community for the past several years. I have published papers in networking, systems and mobile computing. I have contributed to our community by serving twice on the SIGCOMM PC. I have also served on the PCs of several other conferences and workshops. I also currently serve as an area editor for CCR.

I feel prepared to become part of the SIGCOMM executive committee, and I hope that you will give me that opportunity by electing me as the next secretary/treasurer of SIGCOMM.

## Candidate for Secretary/Treasurer

Andreas Terzis  
Johns Hopkins University, Baltimore, MD USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of California, Los Angeles, 2000, Computer Science.

#### Professional Experience:

Assistant Professor, Johns Hopkins University, Baltimore, MD, 2003 – 2009;  
Senior Software Engineer, Caymas Systems, Petaluma, CA, 2002 – 2003;  
Senior Software Engineer & Co-founder, Silvan Networks, Mountain View, CA,  
2000 – 2002.

#### Professional Interest:

Wireless Sensor Networks; Network Security; Resilience of the network infrastructure;  
Quality of Service.

#### ACM Activities:

SIGCOMM Information Services Director, SIGCOMM, 1999 – 2003;  
ACM/IEEE Transactions on Networks Executive Committee, SIGCOMM, 2003;  
SIGCOMM Conference Executive Committee, SIGCOMM, 2005.

#### Membership and Offices in Related Organizations:

IEEE, Member, 2003 – 2009.

### **STATEMENT**

I am deeply honored to be nominated for this office. Having served the SIGCOMM community in multiple roles, including member of the Executive Committee and member of the Transactions on Networking Steering Committee, I have both experience and understanding of our group's procedures and needs. I will do my very best to work with the other members of the Executive Committee to serve you.

## Candidate for Secretary/Treasurer

Tilman Wolf  
University of Massachusetts, ECE Department, Amherst, MA USA

### **BIOGRAPHY**

#### Academic Background:

D.Sc., Washington University in St. Louis, 2002, Computer Science.

#### Professional Experience:

Associate Professor, ECE Department, University of Massachusetts, Amherst, MA, 2007 – Present;

Assistant Professor, ECE Department, University of Massachusetts, Amherst, MA, 2002 – 2007.

#### Professional Interest:

Router design; Next-generation Internet architecture; Embedded systems.

#### ACM Activities:

Secretary/Treasurer, ACM SIGCOMM, 2005 – Present;

Associate Editor, IEEE/ACM Transactions on Networking, 2007 – Present;

Organizing Committee, SIGCOMM 2004;

Program Committee, ANCS 2005, 2006, 2007, 2008.

#### Membership and Offices in Related Organizations:

Chair, IRTF End Middle End (EME) Research Group, 2006 – 2008;

Associate Editor, IEEE Micro, 2005 – Present.

#### Awards Received:

College Outstanding Teacher Award, University of Massachusetts, 2008; College Outstanding Junior Faculty Award, University of Massachusetts, 2006; NSF CAREER Award, 2005.

### **STATEMENT**

Having served as SIGCOMM Secretary/Treasurer by appointment since 2005, I have acquired the necessary experience and understanding of SIGCOMM and ACM structure and procedures to plan for continued financial stability of the SIG. If elected Secretary/Treasurer for the next term, I will continue to support the SIGCOMM Executive Committee in planning established and new events and programs. My main goals are:

- Ensuring that events and programs in all areas of networking are sponsored by SIGCOMM while minimizing the financial risk for the SIG;
- Budgeting SIG activities according to ACM requirements and maintaining necessary reserve funds to cover unexpected losses;
- Supporting innovative programs (e.g., diversity travel grants) introduced by the Executive Committee.

As Secretary/Treasurer I will continue to balance the need for fiscal responsibility with the desire to provide a broad range of exciting events and services to the SIGCOMM membership.