

Candidate for Chair

Srinivasan Seshan
Carnegie Mellon University, Pittsburgh, PA, USA

BIOGRAPHY

Academic Background:

Ph.D., University of California, Berkeley, 1995, Computer Science.

Professional Experience:

Full Professor, Computer Science Department, Carnegie Mellon University, Pittsburgh, PA, 2011 – Present;

Associate Department Head for Graduate Education, Computer Science Dept., Carnegie Mellon University, Pittsburgh, PA, 2011 – 2015;

Research Staff Member, IBM T.J. Watson Research, Yorktown, NY, 1995 – 2000.

Professional Interest:

Computer Networking; Wireless Networks; Mobile Systems; Network Security; Distributed Systems.

ACM Activities:

ACM SIGCOMM Technical Steering Committee (Chair 2014, 2016), SIGCOMM, 2014 – 2016;

Program Committee Co-Chair, ACM SIGCOMM, 2013;

Program Committee Co-Chair, ACM MobiSys, SIGMOBILE, 2012;

Program Committee Co-Chair, Hot Topics in Networks (HotNets), SIGCOMM, 2005.

Membership and Offices in Related Organizations:

Program Committee Co-Chair, USENIX NSDI, 2017 – 2018;

Program Committee Co-Chair, USENIX Annual Technical Conference, 2005.

Awards Received:

Best Paper Award, ACM CoNext, 2013;

Best Paper Award, ACM MobiSys, 2008;

Best Student Paper Award, ACM/IEEE MobiCom, 2000;

Best Student Paper Award, ACM/IEEE MobiCom, 1995.

STATEMENT

SIGCOMM has been my professional “home” for my entire career and I am honored to be nominated to run for Chair. If elected, I plan to especially focus on communication and sustainable expansion.

Past SIGCOMM Chairs have had to manage difficult decisions regarding ethics and other issues.

I have been privy to the details of these discussions and understand that the Chair needs to maintain a delicate balance and promote decisions that benefit the community. I have had to make similar decisions and compromises as steering committee chair for the SIGCOMM conference and PhD Program Director at CMU. A big part of these roles is ensuring clear communication between all parties. As SIGCOMM Chair, I would ensure that all opinions are heard and decision making is transparent.

The SIGCOMM organization is in excellent financial shape due to careful stewardship of past Chairs. This has allowed the SIG to support a range of innovative activities ranging from regional events, childcare support at conferences to increased travel grant support. I would like to ensure that this approach to expansion is sustainable and the SIG explore funding mechanisms including closer collaboration with industry in these activities.

Candidate for Chair

Roch Guerin
Washington University in St Louis, MO, USA

BIOGRAPHY

Academic Background:

Ph.D., California Institute of Technology, 1986, Electrical Engineering.

Professional Experience:

Professor & Department Chair, Washington University in St Louis, MO, 2013 – Present;
Professor, University of Pennsylvania, Philadelphia, PA, 1998 – 2013;
Chief Executive Officer & Chief Scientist, Ipsum Networks, Philadelphia, PA, 2001 – 2004.

Professional Interest:

Resources management in virtualized systems; Network economy and its impact on technology adoption; Quality-of-service and resource allocation; Network robustness and scalability; Networked applications and quality-of-experience.

ACM Activities:

Member of ACM Publications Board, 2013 – Present;
Editor-in-Chief, IEEE ACM Transactions on Networking, SIGCOMM, 2009 – 2013;
Team Lead, ACM CCS Revision Project, Network Category, ACM, 2011;
Chair, SIGCOMM Test-of-Time Award, SIGCOMM, 2010.

Membership and Offices in Related Organizations:

Program Co-Chair, NetEcon, 2017;
Chair, CoNEXT Steering Committee, 2010 – 2012;
Member-at-Large, Board of Governor, IEEE Communications. Society, 1999 – 2002.

Awards Received:

IEEE INFOCOM Achievement Award, 2010;
INFOCOM Best Paper Award, 2010;
IEEE TCCC Distinguished Service Award, 2009;
IEEE INFOCOM Distinguished Program Committee Member Award, 2000.

STATEMENT

I am honored to be considered for the SIGCOMM Chair position. I have been a SIGCOMM Member since 1998 when I served as editor for CCR, and consider the SIG as generally healthy. There are, however, challenges ahead.

One, not unique to SIGCOMM, is the need for greater diversity. SIGCOMM has several leading initiatives to attract a more diverse population, but retaining those individuals calls for additional efforts. As Chair, I would devote additional resources to such initiatives. Open-access is another important challenge. ACM has made great strides in that area, e.g., Authorizer and OpenToC, but SIGs need to be more engaged in realizing the goals of open-access while preserving ACM's financial health. I plan to leverage my experience with the ACM Publications Board to actively engage ACM on this topic. Finally, while the importance of conferences in CS is now well recognized in North America, this is not so in other parts of the world, where journal publications still dominate. As a member of the ACM Publications Board, I have been leading a new initiative, PACM, which seeks to address this issue, and would like to engage the SIGCOMM community in exploring its involvement in this effort.

Candidate for Vice-Chair

Aditya Akella
University of Wisconsin-Madison, WI, USA

BIOGRAPHY

Academic Background:

Ph.D., Carnegie Mellon University, 2005, Computer Networking.

Professional Experience:

Associate Professor, University of Wisconsin-Madison, WI, 2012 – Present;
Visiting Professor and Researcher, University of Washington and Microsoft Research, Seattle, WA, 2013 – 2014;
Assistant Professor, University of Wisconsin-Madison, WI, 2006 – 2012.

Professional Interest:

Software Defined Networking; Datacenter Networking; Network Functions Virtualization;
Big Data Systems; Network Verification and Synthesis.

ACM Activities:

Program Co-Chair, ACM SIGMETRICS, 2018;
Program Co-Chair, ACM IMC, 2014;
Student Mentoring Column at CCR, ACM SIGCOMM, 2014 – Present;
Program Co-Chair, ACM HotNets, 2011.

Membership and Offices in Related Organizations:

Program Co-Chair, USENIX NSDI, 2017;
Steering Committee, ACM SIGCOMM's SOSR, 2016 – Present;
Program Committee, ACM SOSP, 2017.

Awards Received:

IRTF Applied Networking Research Prize, 2015;
ACM SIGCOMM Rising Star Award, 2014;
ACM CoNEXT Best Paper Award, 2013;
ACM IMC Best Paper Award, 2010.

STATEMENT

SIGCOMM has a reputation of networking technology excellence, but the SIG can do better in fostering and leading future technology revolution. We need to engage with a broad range of promising networking startup companies, and ensure stronger participation of the broader SIG community in shaping future technology.

I plan to create outreach programs to improve startups' participation at SIGCOMM conferences, and encourage startups to submit articles on their technologies. I will promote representation of broader cutting-edge topics at SIGCOMM conferences, and improve engagement of international/student communities, e.g., via programs for matching students up with internships/jobs at relevant startups, and new student-oriented CCR columns and student workshops on emerging technologies and open issues.

I believe that SIGCOMM's conference publication and reviewing processes could be improved, e.g., via revise-and-resubmit and/or multiple deadlines, and mechanisms to ensure consistent higher quality author feedback.

I am well-prepared for this role, having contributed to the SIG over many years through publications, program chairmanships, and participation in steering, organizational and program committees. I have collaborated with industry, and organized workshops on hot topics. I have lead efforts to mentor SIGCOMM students and junior researchers worldwide.

Candidate for Vice-Chair

Steve Uhlig
Queen Mary University of London, United Kingdom

BIOGRAPHY

Academic Background:

Ph.D., Universite catholique de Louvain, 2004, Applied Sciences (Computer Science).

Professional Experience:

Professor of Networks, Queen Mary University of London, UK, 2012 – Present;
Senior Research Scientist, Deutsche Telekom Laboratories/TU Berlin, Germany,
2008 – 2011;
Assistant Professor, Delft University of Technology, The Netherlands, 2006 – 2008.

Professional Interest:

Internet Measurements; Software-Defined Networking; Networked Applications; Traffic Engineering;
Internet traffic.

ACM Activities:

General Chair, ACM SIGCOMM IMC 2017, 2017 – Present;
Area Editor, IEEE/ACM Transactions on Networking, SIGCOMM, 2016 – Present;
General Chair, ACM SIGCOMM 2015;
Local Chair, ACM SIGCOMM IMC 2011.

Membership and Offices in Related Organizations:

Steering Committee Member, PAM conference, 2007 – 2009;
TPC Chair, PAM 2017, 2016 – 2017;
General Chair, PAM 2007.

Awards Received:

IMC 2011 Best Paper Award, 2011;
IBM/FNRS Belgium Best PhD thesis in Applied Sciences, 2005.

STATEMENT

It is a great pleasure to be running for the Vice-Chair position in an organization, which I had the chance to serve on several occasions. ACM SIGCOMM brings together a diverse group of people, both from academia and industry. I found the chance to serve this community through conference organisations. Organizing large conferences is daunting, but, also, extremely rewarding. My experience was enriched by the young people I have worked with, whose great enthusiasm

transforms our events into a truly social experience. I will support such participation and collaboration during my term by focusing on:

- (1) Providing guidance for conference organisers in increasing participation, especially in providing healthy travel grant budgets together with low registration fees especially for students;
- (2) Encouraging a more inclusive community, supportive of early career academics, and striving for geographic (e.g., Asia) and gender diversity in technical program and conference organization committees;
- (3) Supporting community-based education through shadow TPCs, PhD schools, and other SIG-sponsored events outside the main flagship conferences, including events co-sponsored by other SIGs;
- (4) Creating channels that foster more active participation/contributions from early career members of the SIG, preparing them to take ownership of the SIG events.

Candidate for Secretary-Treasurer

Lars Eggert
NetApp GmbH, Munich, Germany

BIOGRAPHY

Academic Background:

Ph.D., University of Southern California (USC), 2004, Computer Science.

Professional Experience:

Technical Director, Networking, NetApp GmbH, Munich, Germany, 2011 – Present;
Principal Scientist and Member of CTO/CEO Technology Councils, Nokia Oyj, Helsinki, Finland, 2007 – 2011;
Senior Research Staff Member, NEC Europe Ltd., Heidelberg, Germany, 2003 – 2007.

Professional Interest:

Networking for cloud infrastructures; Software-defined data centers; Multi-path networking;
Ultra low-latency, High-throughput networking; Internet measurements.

ACM Activities:

Member, SIGCOMM Industrial Advisory Board, 2014 – Present.

Membership and Offices in Related Organizations:

Chair, Internet Research Task Force (IRTF), 2011 – Present;
Area Director and Steering Group Member, Internet Engineering Task Force (IETF), 2006 – 2011;
Working Group and Birds-of-a-Feather Chair, Internet Engineering Task Force (IETF), 2005 – Present.

STATEMENT

I am honored to have been asked to stand for the SIGCOMM Secretary-Treasurer position. I have not held an office in the SIG before, but have been active as in various chair roles for different SIGCOMM workshops (such as the new Applied Networking Research Workshop), and was a General Chair for the main SIGCOMM conference in 2012. These past experiences have given me a pretty good understanding about the financial considerations the SIG and its workshops and conferences are facing. If elected, I plan on continuing the SIG's investment into key activities, such as increasing attendee and venue diversity.

My full CV is available at <https://eggert.org/cv>

Candidate for Secretary-Treasurer

Kenjiro Cho
Internet Initiative Japan, Inc., Tokyo, Japan

BIOGRAPHY

Academic Background:

Ph.D., Keio University, 2001, Media and Governance.

Professional Experience:

Research Director, Internet Initiative Japan, Inc., Tokyo, Japan, 2004 – Present;
Guest Professor, Environment and Information Studies, Keio University, Kanagawa, Japan, 2010 – Present;
Researcher, Sony Computer Science Laboratories, Inc., Tokyo, Japan, 1996 – 2004.

Professional Interest:

Internet Measurement; Traffic Analysis; Cloud and Datacenter Management; Operating System Support for Networking.

ACM Activities:

General Co-Chair, IMC 2015, SIGCOMM, 2015;
General Co-Chair, CoNEXT 2011, SIGCOMM, 2011;
Steering Committee Member, CoNEXT SIGCOMM, 2008 – 2011;
Vice Chair, SIGCOMM, 2007.

Membership and Offices in Related Organizations:

Board Member, WIDE Project, 2001 – Present;
Steering Committee Member, Asian Internet Engineering Conference (AINTEC), 2007 – Present;
Steering Committee Member, International Conference on Future Internet Technology (CFI), 2010 – Present.

Awards Received:

ACM Recognition of Service Award for IMC 2015;
ACM Recognition of Service Award for SIGCOMM 2007.

STATEMENT

I am honored and excited to run for the SIGCOMM Secretary-Treasurer position. Throughout my research career, I have been lucky enough to always have someone from the SIGCOMM community who inspired and encouraged me. I believe it is not just me who feels that way, and it is in the spirit of the community to support and encourage others, believing in diversity and openness. So, this would be a wonderful opportunity for me to contribute back to the community.

In the past, I organized SIGCOMM 2007, CoNEXT 2011 and IMC 2015; each was the first to be held not just in Japan but in Asia. I also served on the CoNEXT steering committee during 2008 - 2011. I have very much enjoyed each of these roles, and these experiences make me feel comfortable to take the responsibilities of Secretary-Treasurer.

If elected, I will continue to support challenges SIGCOMM is undertaking as a leading research community in computer science. In particular, as a non-US, non-EU researcher from a corporate lab, I would seek more industry involvement, more regional and educational activities to stimulate and broaden the community.