Candidate for Chair

Giuliano Casale
Imperial College London, United Kingdom

BIOGRAPHY

Academic Background:
Ph.D., Politecnico di Milano, 2006, Performance evaluation.

Professional Experience:
Senior Lecturer, Imperial College London, UK, 2010 – Present;
Lecturer, Imperial College London, UK, 2013 – 2015;
Research Staff Member, SAP Research, UK, 2009 – 2010.

Professional Interest:
Performance evaluation; Stochastic modeling; Cloud computing.

ACM Activities:
Board of Directors, ACM SIGMETRICS, 2015 – 2019;
Program Co-Chair, ACM SIGMETRICS/Performance, 2012;
General Co-Chair, ACM/SPEC ICPE, 2013.

Membership and Offices in Related Organizations:
Member, IFIP Working Group 7.3, 2013 – Present;
Associate Editor, ACM Transactions on Modeling and Performance Evaluation of Computing Systems, (TOMPECS), 2018 – Present;
Associate Editor, IEEE Transactions on Network and Service Management, 2017 – Present.

Awards Received:
Best Paper Award, ACM SIGMETRICS Conference, 2017;
Best Paper Award, ACM/SPEC ICPE Conference, 2016;
Best Paper Award, IEEE CLOUD Conference, 2015;
Best Paper Award, ACM/IFIP/USENIX Middleware Conference, 2008.

STATEMENT

I am excited to run for SIGMETRICS chair - if elected I will focus my activity on fostering growth and promoting wider community participation.

Following the success of the new ‘jourference’ model, we now need to keep increasing conference attendance and expanding our community as a whole. We also need to consolidate and strengthen our long-standing partnership with IFIP Performance. The initial proposals I will
put forward to the next Board of Directors will involve the provisioning of additional resources for regular childcare support at conferences, student travel grant support, and a step-up of our communications (e.g., social media).

We will also explore ways to optimize existing processes, such as expanding the SIGMETRICS technical program committee size to better support the reviewing needs of a conference with multiple submission periods.

As a SIG I believe that we also need to put in place new mechanisms for transparent governance. In particular, we should raise awareness among our members of the initiatives and challenges discussed by our Board of Directors and continue to actively solicit feedback from everyone to identify together the most promising strategic directions for our SIG.
Candidate for Chair

Erich M. Nahum
IBM Research, Yorktown Heights, NY, USA

**BIOGRAPHY**

**Academic Background:**
Ph.D., University of Massachusetts, 1997, Computer Science.

**Professional Experience:**
Research Staff Member, IBM Research, Yorktown Heights, NY, USA, 1996 – Present.

**Professional Interest:**
Performance; Systems; Networking.

**ACM Activities:**
General Chair, SIGMETRICS, 2018 – 2019;
"Test of Time" committee, SIGMETRICS, 2016 – 2017;
Board of Directors, SIGMETRICS, 2011 – 2015.

**Membership and Offices in Related Organizations:**
Steering Committee, USENIX HotCloud, 2010 – 2012;

**Awards Received:**
IBM Master Inventor, 2017;

**STATEMENT**

I am honored and excited to be considered for the Chair of ACM SIGMETRICS. I have performed in many roles for the SIG, as General Chair, Board Member, and PC member, and would be proud to continue in the role as Chair.

If elected, I would continue in the tradition of the SIG. Most important would be improving the influence and scope of SIGMETRICS. In particular, I would encourage participation in the following ways:

1) recruitment of women and under-represented minorities in membership and participation,
2) increasing industrial interaction, and
3) promoting interaction and ties with other SIGs.

My thanks for your consideration.
Candidate for Vice-Chair

Augustin Chaintreau
Columbia University, New York, NY, USA

BIOGRAPHY

Academic Background:
Ph.D., INRIA-ENS, 2006, Computer Science.

Professional Experience:
Associate Professor, Columbia University, New York, NY, USA, 2017 – Present;
Assistant Professor, Columbia University, New York, NY, USA, 2010 – 2017;

Professional Interest:
Social Network; Network Algorithm; Personalization; Fairness of AI/ML; Web measurement.

ACM Activities:
Boards of Directors, ACM SIGMETRICS, 2015 – Present;
Editor in Chief, ACM POMACS, 2016 – Present;
Program committee chair, ACM SIGMETRICS, 2016 – 2017;
Member of Steering Committee, PACM Journal Series, 2017 – Present.

Awards Received:
ACM SIGMETRICS Rising star, 2013.

STATEMENT

Dear Members,

First, thanks for voting and taking the time to read this!

I do think SIGMETRICS has a special role to play. Broadly speaking, some research communities are defined by areas of application (Computer Vision, Communication Networks), others by specialization in the type of method (theory, machine learning, system). SIGMETRICS is neither. It's a place visited by big ideas of computing, with an emphasis on rigour (whether it means mathematical analysis or thorough system evaluation) and relevance. It takes a few years to realize how precious such a community can be to keep computer science cohesive and allow each of us to grow.

My motivation is simple. I owe a lot to SIGMETRICS, and I want to give back. Being a Vice-Chair is a good fit as I will thrive in assisting the incoming chair to get things done.
I see my own contribution primarily in supporting efforts to make our conferences and related activities more enriching to our Ph.D students and young academics. Specifically by making sure that they have meaningful interaction (including with accomplished researchers), get their work recognized in job faculty searches across the world, in CACM Highlights and other activities to promote computer measurement and evaluation.
Candidate for Vice-Chair

Arif Merchant
Google, Mountain View, CA, USA

BIOGRAPHY

Academic Background:

Professional Experience:
Research Scientist, Google, Mountain View, CA, USA, 2010 – Present;
Research Scientist, HP Labs, Palo Alto, CA, USA, 1996 – 2010;

Professional Interest:
Storage Systems; Distributed Systems; Performance Analysis.

ACM Activities:
SIGMETRICS Conference General Chair, SIGMETRICS, 2011;
Secretary-Treasurer, SIGMETRICS, 2007 – 2011;
SIGMETRICS Conference PC Co-chair, SIGMETRICS, 2004;

Membership and Offices in Related Organizations:
FAST PC Co-chair, USENIX, 2019.

Awards Received:
ACM Distinguished Member, 2008.

STATEMENT

ACM SIGMETRICS needs deeper involvement from its members. People from many communities participate and publish in SIGMETRICS conferences, but often have a transient relationship with the SIGMETRICS community. We need to draw in researchers from both academia and industry to participate consistently.

If elected, it will be my goal to support the Chair and to help make SIGMETRICS a more thriving community.
Urtzi Ayesta  
CNRS Director of Research, IRIT, Toulouse, France

**BIOGRAPHY**

**Academic Background:**  
Ph.D., Université de Nice-Sophia Antipolis, France.

**Professional Experience:**  
CNRS Director of Research, IRIT, Toulouse, France, 2016 – Present;  

**Professional Interest:**  
Stochastic processes, Optimization, control theory and their applications to communication systems and networking.

**ACM Activities:**  
TPC Member, ACM SIGMETRICS/Performance 2012, ACM SIGMETRICS 2013, 2017, 2018;  
Publications Chair, ACM SIGMETRICS/Performance 2012;  
Student Activities Chair, ACM SIGMETRICS 2013;  
Editor, ACM POMACS, 2019.

**Membership and Offices in Related Organizations:**  
Elected member, IFIP W.G. 7.3 Computer Performance Modeling and Analysis, 2013 – Present;  
General Chair, IFIP Performance 2018.

**STATEMENT**

I am honored to be nominated for the SIGMETRICS Secretary-Treasurer position. If elected, I commit to do my best to ensure that SIGMETRICS remains a smoothly functioning organization. Since I was a Ph.D. student and throughout my career, I have had the opportunity to work and collaborate with many researchers active in the SIGMETRICS community, and many of them have acted as mentors in the early stages of my career. I am thus looking forward to serving our research community, and to collaborating with many colleagues that I hold in very high esteem, both professionally and personally.
Candidate for Secretary-Treasurer

Niklas Carlsson
Linkoping University, Linkoping, Sweden

BIOGRAPHY

Academic Background:
Ph.D., University of Saskatchewan, Canada, 2007, Computer Science.

Professional Experience:
Associate Professor, Linkoping University, Linkoping, Sweden, 2013 – Present;
Assistant Professor, Linkoping University, Linkoping, Sweden, 2010 – 2013;
Research Associate, University of Calgary, Canada, 2008 – 2010.

Professional Interest:
Performance evaluation; Distributed systems and networks; Content delivery and multimedia;
Network measurements and system; characterization/modeling; Network security.

ACM Activities:
Secretary-Treasurer, SIGMETRICS, 2015 – 2019;
TPC member (12-13, 16-19), SIGMETRICS, 2012 – 2019;
Co-chair and organizer, ACM GreenMetrics (with SIGMETRICS), 2009 – 2017;
Associate Editor, ACM ToMPECS, 2017 – 2019.

Membership and Offices in Related Organizations:
Chair, IEEE STC on Sustainable Computing (STC-SC), 2015 – 2017;
TPC Co-chair, IEEE MASCOTS, 2015;
IEEE, 2005 – Present.

Awards Received:
Best Paper Award, ACM SIGCOMM workshop FhMN, 2013;
Outstanding Poster Award, ACM CODASPY, 2015.

STATEMENT

I am honored to be nominated and run for the position of secretary-treasurer of SIGMETRICS.
Since I attended my first SIGMETRICS conference in 2004, I have been active in the community.
First, primarily as a researcher, but later also as a program committee member, publicity chair,
workshop organizer of GreenMetrics (collocated with ACM SIGMETRICS 2009-2017), and for
the past four years as secretary-treasurer. With the increasing importance of interdisciplinary
research and the world increasingly relying on the reliability and performance of computer
systems and the services these systems provide, I believe that SIGMETRICS has a very
important role in the research community and in society as a whole. Our community has long helped bridge theory and practice within and across different research areas, while keeping performance at the center. If elected, I will work with the other elected officers to further strengthen SIGMETRICS’ value to the research community as whole. In my role as secretary-treasurer, I would focus on ensuring that we have a solid financial foundation and remain within financial constraints, but also work towards growing and revitalizing the community.
Candidate for Board of Directors

Sara Alouf
Inria, Sophia Antipolis, France

BIOGRAPHY

Academic Background:
Habilitation (HDR), Université Côte d'Azur, 2017, From Wireless Networks to Green IT - A Journey Through Stochastic Models and Tools.

Professional Experience:
Researcher, Inria, Sophia Antipolis, France, 2004 – Present;
Enseignant vacataire ("Lecturer"), University of Nice Sophia Antipolis, France, 2009 – Present;

Professional Interest:
Stochastic modelling; Performance evaluation; Queueing theory; Computer and communication networks; Green IT.

ACM Activities:
General Co-chair and Treasurer, SIGMETRICS/Performance 2016 (received ACM Recognition of Service Award), 2014 – 2016;
PC member, SIGMETRICS/Performance 2019, 2018 – Present;
Publicity chair, SIGMETRICS 2010, 2009 – 2010;

Membership and Offices in Related Organizations:
Associate Editor, Wiley ETT, 2016 – Present;
Workshops co-chair, VALUETOOLS 2008;
Publication chair, VALUETOOLS 2007.

Awards Received:
Best paper award from IFIP Wireless Days 2009.

STATEMENT

I am both honored and excited to be nominated as a candidate for Board of Directors for the 2019 SIGMETRICS election. If elected, I will contribute my experience in event planning as I was general co-chair and treasurer of the 2016 SIGMETRICS conference. As a board member, I will contribute to strengthening the SIGMETRICS community by promoting the attendance at our flagship conference SIGMETRICS. This can be achieved in particular by lowering registration fees, providing even more travel grants, and securing sponsorship well in advance. In addition, I will push for improving the quality of presentations at conferences, for instance, by promoting Best Presentation Awards in all events that we sponsor.
Candidate for Board of Directors

Anshul Gandhi
Stony Brook University, Stony Brook, NY, USA

BIOGRAPHY

Academic Background:

Professional Experience:
Assistant Professor, Stony Brook University, Stony Brook, NY, USA, 2014 – Present;

Professional Interest:
Performance modeling; Distributed systems; Cloud computing; Energy management;
Machine learning.

ACM Activities:
Steering Committee Member, ACM/IFIP Middleware, 2017 – Present;
Student Activities Chair, ACM SIGMETRICS, 2019;
General Co-Chair, ACM/IFIP Middleware, 2017;
Tutorials Co-Chair, ACM SIGMETRICS, 2017.

Membership and Offices in Related Organizations:
Editorial Board, Performance Evaluation, PEVA (Elsevier), 2018 – Present;
Industry and Sponsorship Chair, IEEE ICAC, 2019;
Program Vice Chair (Track Co-Chair for Cloud Computing track), IEEE ICDCS, 2017.

Awards Received:
Best Student Paper Award for IEEE ICDCS 2018;
NSF Career Award, 2017;
SPEC Distinguished Dissertation Award, 2013;
Best Paper Award for IEEE IGCC 2011.

STATEMENT

I am excited to have the opportunity to serve on the Board of Directors for SIGMETRICS. I have been actively involved in the SIGMETRICS community since my first paper was published in SIGMETRICS 2009. Since then, I have served as Web Chair, Panelist, Tutorials Co-Chair, and Student Activities Chair for SIGMETRICS, in addition to serving as a PC member several times.

If elected, there are three initiatives I would like to focus on, in addition to the responsibilities associated with this position:
1) Enhancing the diversity of the ACM SIGMETRICS community. As Student Activities Chair, I am working on setting up the first Women In SIGMETRICS (Winmetrics) group event in 2019, and have already spoken to some of the SIGMETRICS officers regarding the formation of the group.

2) Elevating the status of the SIGMETRICS conference in the computer systems community via greater involvement of members from other communities (SIGOPS, SIGARCH, etc.) in the program committee and/or tutorials, and via colocated workshops or events. As an active member of SIGMETRICS and the distributed systems community, I believe I can bridge this gap.

3) Improving the visibility and status of the POMACS journal articles, especially in the presence of the related ACM TOMPECS journal.
Candidate for Board of Directors

Longbo Huang  
Tsinghua University, Beijing, China

BIOGRAPHY

Academic Background:  
Ph.D., University of Southern California, 2011, Electrical Engineering.

Professional Experience:  
Associate Professor, Tsinghua University, Beijing, China, 2012 – Present;  
Postdoctoral Researcher, University of California, Berkeley, CA, USA, 2011 – 2012.

Professional Interest:  
Network Optimization; Sharing Economy; Machine Learning; Online Learning; Algorithm Design.

ACM Activities:  
Submission/Publication Chair, ACM MobiHoc, 2019 – Present;  
Workshop Chair, ACM SIGMETRICS, 2018;  
Publicity Chair, ACM e-Energy, 2017 – 2018;  

Awards Received:  
ACM SIGMETRICS Rising Star Research Award, 2018;  
Tsinghua University Distinguished Teaching Award, 2014;  
Google Research Award, 2014.

STATEMENT

It is my honor to be nominated as a candidate for Board of Directors for SIGMETRICS. I have been an active member of SIGMETRICS, attending conferences, serving on the technical program committee, and participating in conference organization. Over the years, I have worked on various research fields and attended top conferences and workshops in different communities, including systems, theoretical computer science, and machine learning. I gained extensive research experience and a broad view of different fields.

If I am elected, I will do my best to contribute to the SIGMETRICS community with my experience and dedication. In particular, I will work with the SIGMETRICS committee and members to further increase its global impact, including:

(i.) maintaining outstanding quality and experience of SIGMETRICS conferences, events, and publications,
(ii.) further publicizing SIGMETRICS and attracting high quality research and members from related fields,

(iii.) further enhancing the connection between the SIGMETRICS community and industry, and increasing its industry influence, and

(iv.) providing more research and learning opportunities to students, to educate future scholars for the community and society.
Candidate for Board of Directors

Sewoong Oh
University of Washington, Seattle, WA, USA

**BIOGRAPHY**

**Academic Background:**
Ph.D., Stanford University, 2011, Electrical Engineering.

**Professional Experience:**
Associate Professor, University of Washington, Seattle, WA, USA, 2019 – Present;
Associate Professor, University of Illinois at Urbana-Champaign, Urbana, IL, USA, 2018;
Assistant Professor, University of Illinois at Urbana-Champaign, Urbana, IL, USA, 2012 – 2018.

**Professional Interest:**
Machine Learning; Stochastic Networks; BlockChain; Applied Probability; Optimization.

**ACM Activities:**
TPC member, SIGMETRICS, 2014 – Present;
General co-Chair, SIGMETRICS, 2017;
Registration Chair, SIGMETRICS, 2014.

**Membership and Offices in Related Organizations:**
Senior Program Committee, AISTATS, 2018;
Area Chair, ICML, 2019;

**Awards Received:**
ACM SIGMETRICS Rising Star Award, 2017;
ACM SIGMETRICS Best Paper Award, 2015;
NSF CAREER AWARD, 2016;
GOOGLE Faculty Research Award, 2016.

**STATEMENT**

SIGMETRICS is going through a transition, most notably on the review processes and the publications of the proceedings. Fueled by the time and effort of the members that go into promoting the excellence of that process and the resulting conference, this gives us an opportunity to be even more inclusive. Towards this goal, as a board member, I would like to accomplish the following:
1. I will promote the growth of SIGMETRICS community by reaching out to researchers and students in the fields of operations research, electrical engineering, and computer science. I believe my broad background helps in taking into account the perspectives of academics and researchers in diverse fields at varying stages in their careers. I have been trained in electrical engineering, have taught in an operations research department, and am now starting at a computer science department.

2. I will encourage the SIGMETRICS community to take a leadership role in emerging fields of technology that will shape the future of information technology.

3. I will work towards increasing the visibility of the excellence and talent of our community, and strengthening our connections to industrial partners.
Candidate for Board of Directors

Devavrat Shah
MIT, Cambridge, MA, USA

**BIOGRAPHY**

**Academic Background:**

**Professional Experience:**
Professor of EECS, MIT, Cambridge, MA, USA, 2016 – Present;
Director, Statistics & Data Science Center, MIT, Cambridge, MA, USA, 2016 – Present;

**Professional Interest:**
Stochastic networks; Network algorithms; Graphical models; Statistical inference.

**ACM Activities:**
Member, SIGMETRICS, 2014 – Present;
Member, ACM, 2017 – Present.

**Awards Received:**
INFORMS Applied Probability Society Best Publication Award, 2013;
INFORMS Applied Probability Society Erlang Prize, 2010;
ACM SIGMETRICS Rising Star Award, 2008;
ACM SIGMETRICS Best Publication Award, 2006.

**STATEMENT**

As a member of Board of Directors of ACM SIGMETRICS, I aim to assist the Chair and Vice-Chair as appropriate in collaboration with the rest of the Board of Directors. Both personally and institutionally I have been a strong supporter of SIGMETRICS and have been an active participant since I was a graduate student (early 2000s). In addition to performing the responsibilities as a member of the Board of Directors, I would like to help focus my energy towards the following activities:

1. Active participation: SIGMETRICS has been the premier venue to publish papers in the broader areas of Applied Probability, Measurement and Algorithms methodology as well as Communication networks and lately Social networks, Machine Learning and their variations as domains for a long time now. However, despite this, the fraction of SIGMETRICS community (broadly defined) that shows up at the conferences is really small. This has resulted in our inability to form a community. I would like to help correct this by means of peer-pressure, financial incentives, etc.
2. Incentivize the reviewing process: The reviewing process is entirely voluntary. However, it makes sense to provide incentives. For example, asking for small fees for each paper submission and using it to incentivize TPC.
Candidate for Board of Directors

R Srikant
University of Illinois Urbana-Champaign, IL, USA

BIOGRAPHY

Academic Background:
Ph.D., University of Illinois Urbana-Champaign, 1991, ECE.

Professional Experience:
Professor, UIUC, Urbana, IL, USA, 1995 – Present;
Member of Technical Staff, Bell Labs, Holmdel, NJ, USA, 1991 – 1995.

Professional Interest:
Performance Analysis; Communication and Computer Networks;
Applied Probability and Queueing Theory; Machine Learning; Cloud Computing.

ACM Activities:
Steering Committee, ACM MobiHoc, 2017 – Present;

Membership and Offices in Related Organizations:

Awards Received:
IEEE Koji Kobayashi Computers and Communications Award, 2019;
Applied Probability Society Best Publication Award, 2017;
IEEE INFOCOM Achievement Award, 2015;
IEEE INFOCOM Best Paper Award, 2015.

STATEMENT

I have been involved with SIGMETRICS for about 25 years now. During this time, the scope of the SIGMETRICS conference has evolved to assimilate new areas such as cloud computing and machine learning, while maintaining its core strength in computer systems modeling, measurements, performance analysis, and applied probability. My interest in running for one of the Board of Directors positions is to continue to ensure the broad participation of researchers with diverse backgrounds in the conference, and to encourage more participation from corporate research labs and researchers from underrepresented groups in SIGMETRICS activities. I will draw upon my experience as Program and General Chair for major conferences, Editor-in-Chief of an IEEE/ACM journal, and membership in the Steering Committees of the Stochastic Networks conference and ACM MobiHoc to achieve these goals.
Candidate for Board of Directors

Adam Wierman
Caltech, Pasadena, CA, USA

BIOGRAPHY

Academic Background:

Professional Experience:
Professor, Caltech, Pasadena, CA, USA, 2012 – Present;
Assistant Professor, Caltech, Pasadena, CA, USA, 2007 – 2012.

Professional Interest:
Distributed Systems; Stochastic Networks; Networked Markets; Online Algorithms;
Energy & Sustainability.

ACM Activities:
Vice Chair, SIGMETRICS, 2015 – 2019;
Program Chair, SIGMETRICS, 2017 – 2018;
Board of Directors, SIGMETRICS, 2011 – 2015;

Membership and Offices in Related Organizations:
Associate Editor, Operations Research, 2012 – 2016;
Associate Editor, IEEE Transactions on Networking, 2014 – 2019;
Senior Program Committee, NSDI, 2016.

Awards Received:
SIGMETRICS Rising Star Award, 2011;
IEEE Communication Society William R. Bennet Prize, 2014;
IFIP Performance Best Student Paper Award, 2013;
IEEE INFOCOM Best Paper Award, 2011.

STATEMENT

I have been deeply involved in SIGMETRICS over the past decade and hope to have the opportunity to continue our work to grow and strengthen the SIGMETRICS community. During my term as Vice Chair, I helped to implement the transition to multiple deadlines and the conversion of the SIGMETRICS conference to "jourference" model. This has led to significant growth for the conference, but there is considerable work left to do. Some salient issues that the next set of officers needs to address are:
(i) how to improve connections with the Performance conference in a way that strengthens both communities,

(ii) how to increase and support diversity in our community,

(iii) how to develop events that make the SIGMETRICS conference a "must attend" for both faculty and students in our community each year, and

(iv) how to further increase the visibility for the community in related areas.

These four issues will be my priority if I am elected to the board.