

Candidate for Chair

Elisa Bertino
Purdue University, CS Department, West Lafayette, IN

BIOGRAPHY

Academic Background:

Dr., University of Pisa, 1980, Computer Science.

Professional Experience:

Professor of Computer Science, Research Director of the CERIAS, Purdue University, West Lafayette, 2004 – Present;

Professor of Computer Science, University of Milan, Milan, Italy, 1993 – 2004;

Professor of Computer Science, University of Genoa, Genoa, Italy, 1990 – 1993.

Professional Interest:

Database and Application Security; Data Privacy Techniques; Digital Identity Management; Security for Web Services and Service Oriented Architectures; Security for Grid Computing Systems.

ACM Activities:

Member of the Steering Committee of ACM SACMAT, 2003 – 2007;

Member of the Editorial Board, TISSEC, 1998 – 2008;

Member of the Editorial Board, TWEB, 2007 – Present.

Membership and Offices in Related Organizations:

Member of the Board of Governors, IEEE Computer Society, 2009 – Present;

Member of the IEEE Fellow Committee, IEEE, 2008 – Present.

Awards Received:

ACM: ACM Fellow, 2003.

Other: IEEE Computer Society Tsutomu Kanai Award, 2005; IEEE Fellow, 2002; IEEE Computer Society Technical Achievement Award, 2002.

STATEMENT

Computer security is today more crucial than ever. Research in this field has made great progresses and yet many challenges lie ahead of us, as new threats arise and old security problems still remain open. New application environments, like social networks, healthcare, and digital identity management, require tailored security and privacy solutions. Security education and outreach are also crucial.

SIGSAC has played a crucial role in fostering the security research community. If elected, I will continue on the path of excellence established by previous SIGSAC chairs. I will also take the following initiatives:

- 1) Establish a high-quality symposium focusing on data security and privacy. Such symposium would well complement other SIGSAC conferences, such as the recently established WiSec.
- 2) Establish an on-line newsletters reporting news of interest to the security community.

I will make sure that members of SIGSAC become more involved in the activities of the group, through participation in conference program committees and steering committees. Educational activities, like tutorial organization, will be undertaken and, wherever possible, presentations will be made available on-line for wider access. Special focus will be paid to students, through the organization of doctoral workshops.

Candidate for Chair

Ari Juels
RSA Laboratories, Bedford, MA, USA

BIOGRAPHY

Academic Background:

Ph.D., UC Berkeley, 1996, Computer Science.

Professional Experience:

Chief Scientist, RSA Laboratories, Bedford, MA, USA, 2007 – Present;
Scientist, RSA Laboratories, Bedford, MA, USA, 1996 – 2006.

Professional Interest:

Data security; Cryptology.

ACM Activities:

Steering Committee member, SIGSAC, 1996 – Present;
General Chair, ACM CCS, 2006 – Present;
Industry Track Chair, ACM CCS, 2005 – Present.

STATEMENT

Practical impact and connection with industry practice are challenges for researchers of all stripes. SIGSAC's conferences are unusual in the degree to which they bridge the worlds of theory and practice. As an industry scientist, I would like to see this special characteristic amplified for the benefit of SIGSAC's members and the data-security community at large. As SIGSAC Chair, I will aim particularly to foster member access to practice-oriented research problems, industry partnering opportunities, and the transfer of knowledge and technology into commercial settings.

Candidate for Chair

Pierangela Samarati
University of Milan – Information Technology Department, Crema, Italy

BIOGRAPHY

Academic Background:

Laurea, University of Milan, 1988, Computer Science.

Professional Experience:

Full Professor, University of Milan, Information Technology Department, Crema, Italy, 2000 – Present;

Associate Professor, University of Milan, Computer Science Department, Crema, Italy, 1998 – 2000;

Computer Scientist, SRI International, Computer Science Laboratory, Menlo Park, CA, USA, 1997 – 1998.

Professional Interest:

Data protection; Privacy; Access control models, languages, and systems; Information and network security.

ACM Activities:

Vice-chair, ACM SIGSAC, 2005 – Present;

Chair, ACM WPES Steering Committee, 2004 – Present;

Member, ACM ASIACCS Steering Committee, 2006 – Present;

Member, ACM CCS Steering Committee, 2001 – 2008.

Membership and Offices in Related Organizations:

Chair, ESORICS (European Symp on Res. in Comp. Security) Steering Committee, 2008 – Present;

Vice-chair, ESORICS (European Symp on Res. in Comp. Security) Steering Committee, 2003 – 2008;

Chair, IFIP Working Group 11.3 on Data and Application Security, 2001 – 2007.

Awards Received:

ACM: ACM Recognition of Service Award, 2007; ACM Recognition of Service Award, 2001; ACM PODS Best Newcomer Paper Award, 1999.

Other: IFIP Kristian Beckman Award, 2008; IFIP Silver Core Award, 2004; Rotary Foundation Scholarship, 1991.

STATEMENT

SIGSAC has remarkably grown in the last few years with new initiatives and involvement of many volunteers, providing an inclusive approach to the growth of our security community. Our flagship conference, CCS, increased in quality and attendance and greatly expanded. As SIGSAC vice-chair and CCS steering committee member I enjoyed being part of this progress and enthusiastically contributed to it.

In the future SIGSAC should continue to flourish worldwide and attract even further interest and enthusiasm from all people interested in security. We should continue nurturing and enriching our events, publications, and educational activities. We should continue to listen to and satisfy the needs of the security community, maintaining SIGSAC as the leading reference in security all over the world.

I will be honored and proud to serve as catalyst of these activities and work energetically, putting time and effort in contributing to maintain this positive trend. My experience as SIGSAC vice-chair and in CCS will help in accomplishing this. I will seek involvement of all members, making them feel at home in SIGSAC. I will nurture, promote, and coordinate their ideas and activities, and coordinate with other groups at the international level.

Candidate for Vice Chair

Gail-Joon Ahn
Arizona State University, Tempe, AZ USA

BIOGRAPHY

Academic Background:

Ph.D., George Mason University, 2000, Information Technology.

Professional Experience:

Associate Professor, Computer Science and Engineering Dept. and SEFCOM (Director), Arizona State University, USA, 2008 – Present;
Director, Center for Digital Identity and Cyber Defense Research (DICyDER), University of North Carolina-Charlotte, USA, 2007 – 2008;
Associate Professor, Software and Information System Dept., University of North Carolina-Charlotte, USA, 2005 – 2008.

Professional Interest:

Authentication and Access Control; Formal Models for Computer Security; Network and Distributed Systems Security; Vulnerability and Risk Assessment; Cyber Crime Analysis.

ACM Activities:

Information Director, ACM SIGSAC, 2002 – Present;
Steering Committee Chair, ACM SACMAT, 2008 – Present;
General Co-Chair, ACM DIM, 2007;
Guest Editor, ACM TISSEC Vol.10 (1), 2007.

Membership and Offices in Related Organizations:

Member, IEEE, 1999 – Present;
Member, IFIP WG 11.3 on Data and Application Security, 2002 – Present;
Member, Federal Information Systems Security Educator's Association, 2003 – Present.

Awards Received:

ACM: Recognition of Service Award, Program Chair, SACMAT'05, 2005; ACM Senior Member, 2007.
Other: Department of Energy Early Career Investigator Award, 2003; FISSEA Educator of the Year Award, 2005; IEEE Senior Member, 2007.

STATEMENT

As an ACM Lifetime member, I have actively participated in SIGSAC activities for many years. In today's generation of information technology, it is critical to manage large-scale

networks and distributed systems efficiently and securely. I believe SIGSAC has played a pivotal role in supporting such an important goal. As Vice Chair, I would devote my efforts to maintain and promote SIGSAC's basic services and activities as our highest priority. Especially, I will attempt to encourage SIGSAC services and activities that can foster educators, researchers, practitioners and students from various groups. Also, I will do my best to bridge the gap between teaching and research and between academia and industry through existing and new SIGSAC activities.

Candidate for Vice Chair

Vijay Atluri
Rutgers University, Newark, NJ, USA

BIOGRAPHY

Academic Background:

Ph.D., George Mason University, 1994, Information Technology.

Professional Experience:

Professor, Rutgers University, Newark, NJ, 2006 – Present;
Associate Professor, Rutgers University, Newark, NJ, 2001 – 2006;
Assistant Professor, Rutgers University, Newark, NJ, 1994 – 2001.

Professional Interest:

Information Security; Privacy; Database Systems; Workflow Management.

ACM Activities:

Secretary/Treasurer, SIGSAC, 2005 – Present;
Steering Committee Member, SIGSAC, 2001 – Present;
Steering Committee Member, ACM SACMAT, 2001 – 2008;
General Chair, ACM CCS, 2004 – 2005.

Membership and Offices in Related Organizations:

Chair, IFIP WG11.3 on Data and Application Security, 2008 – Present;
Senior Member, IEEE, 2006 – Present.

Awards Received:

Research Award for outstanding research, Rutgers University, 1999; CAREER Award from the National Science Foundation, 1996; National Merit Scholarship, Government of India, 1970.

STATEMENT

I am honored to have been nominated to run for the vice-chair position of SIGSAC. During the past decade, the SIGSAC community has dramatically expanded both in its research scope and geographical coverage, primarily due to its affiliated conferences and workshops. This is a testimony to the growth and vitality of the information security field, and the growing importance of SIGSAC itself.

I have been actively involved in SIGSAC since 2001. I have thoroughly enjoyed, contributed and witnessed its progress as secretary/treasurer and steering committee

member of SIGSAC and SACMAT. During the last four years of my service as SIGSAC secretary/treasurer, I worked closely with the chair and vice-chair to improve SIGSAC's financial standing and service to its membership. If elected, I will strive to ensure that SIGSAC continues to evolve, and find ways to further enhance SIGSAC's activities. I plan to further strengthen SIGSAC's membership worldwide as well as within industry and government organizations.

Candidate for Vice Chair

Trent Jaeger
Penn State University, University Park, PA USA

BIOGRAPHY

Academic Background:

Ph.D., University of Michigan, Ann Arbor, 1997, Computer Science and Engineering.

Professional Experience:

Associate Professor, Penn State University, University Park, PA, 2005 – 2009;
Research Staff Member, IBM T.J. Watson Research Center, Hawthorne, NY, 1996 – 2005;
Research Assistant, University of Michigan, Ann Arbor, MI, 1992 – 1996.

Professional Interest:

Operating Systems Security; Virtual Machine Security; Access Control Models and Policies;
Source Code Analysis; Policy Analysis.

ACM Activities:

Program Chair, ACM CCS Industry Track, 2003;
Steering Committee, ACM Symposium on Access Control Models and Technologies,
2001 – 2007;
Program Chair, ACM Computer Security Architectures Workshop, 2008;
General Chair, ACM Symposium on Access Control Models and Technologies,
2004.

Membership and Offices in Related Organizations:

Program Vice Chair, IEEE (SUTC), 2008;
Program Chair, USENIX (Workshop on Hot Topics on Security), 2007;
Member, USENIX, 1996 – 2009.

STATEMENT

I have been an active participant in ACM SIGSAC activities for 15 years. I have benefited greatly from the technical information, collaborations, and friendships that I have obtained through participation in these activities, so I would be honored if you would elect me to the position of Vice-Chair of ACM SIGSAC. In addition to supporting the activities of the future Chair, I would like to work on activities that encourage other computing fields to leverage our security research. My work in multi-disciplinary collaborations (at IBM Research) and with the open source community (e.g., Linux) has often involved integrating security features, so I will leverage this experience to work within SIGSAC and across SIGs. Of the

security communities, ACM SIGSAC has the best potential platform to nurture such collaborations, as the broad scope of the ACM CCS conference often brings in researchers from other disciplines, as does the suite of ACM CCS workshops. For getting security information to the folks in other communities, I would encourage joint workshops that enable security concerns to be discussed in the context of other fields. I would be happy to promote the SIGSAC community's work to other SIGs.

Candidate for Vice Chair

Shiuhpyng Winston Shieh

National Chiao Tung University, Taiwan Information Security Center, Hsinchu, Taiwan

BIOGRAPHY

Academic Background:

Ph.D., University of Maryland, College Park, USA, 1991, Electrical and Computer Engineering.

Professional Experience:

Professor and Director, Taiwan Information Security Center at NCTU, Hsinchu, Taiwan, 2005 – Present;

President, Chinese Crypto & Information Security Association, Hsinchu, Taiwan, 2003 – 2006;

Professor and Chair, Dept. of Computer Science, National Chiao Tung University, Hsinchu, Taiwan, 2001 – 2003.

Professional Interest:

Computer and Software Security; Security Protocol Design; Intrusion Detection/Prevention; Network Security; Cryptography.

ACM Activities:

Founder and Steering Committee Chair, ASIACCS, 2006 – Present;

Steering Committee Member, SIGSAC, 2005 – Present;

Program Committee Chair, ASIACCS, 2006;

Associate Editor, ACM Transactions on Information and System Security, 2004 – 2008.

Membership and Offices in Related Organizations:

Associate Editor, IEEE Transactions on Dependable and Secure Computing, 2007 – Present;

Associate Editor, IEEE Transactions on Reliability, 2008 – Present;

Founder and Chair, IEEE Reliability Society Taipei and Tainan Chapter, 2007 – Present.

Awards Received:

ACM: ACM Service Award, Recognition for contribution to ACM, 2006.

Other: Distinguished Information Tech. Award, State Dept. of Taiwan, 2000.

STATEMENT

I have been actively involved in SIGSAC activities for many years. With my past experience as the president of the Chinese Crypto and Information Security Association, I

maintained close contact with many security research institutes worldwide, especially in Asia. In the past decade, Asia has evolved as the fastest growing area. With contributions from many colleagues, I worked closely with the former and present SIGSAC chairs to found the ACM Symposium on Information, Computer and Communications Security (ASIACCS), which is becoming the best information security conference in Asia. If elected, it will be a great honor for me to assist the new chair and continue to make contributions to SIGSAC.

Candidate for Secretary/Treasurer

Peng Ning
North Carolina State University, Raleigh, NC, USA

BIOGRAPHY

Academic Background:

Ph.D., George Mason University, 2001, Information Technology.

Professional Experience:

Associate Professor, North Carolina State University, Raleigh, NC, USA, 2006 – 2009;
Assistant Professor, North Carolina State University, Raleigh, NC, USA, 2001 – 2006.

Professional Interest:

Wireless security; Systems security; Intrusion detection.

Awards Received:

ACM: Recognition of Service Award (for being general chair of CCS 07), 2007;
Recognition of Service Award (for being treasurer of CCS 04), 2004.
Other: NSF Faculty Early CAREER Award, 2005.

STATEMENT

My primary interest in being the SIGSAC treasurer is to keep SIGSAC in a good financial condition so that SIGSAC can continue its quality support of SIGSAC members as well as the general information security community.

I have been involved in organizing ACM SIGSAC conferences multiple times, including being the General Chair of CCS '07 and '08, serving as the Treasurer of CCS '04, '05, and '06, and participation in the founding of ACM WiSec conference. My past involvements have given me extensive experience in the understanding of financial risks and how to avoid/mitigate them. I would like to continue my service to SIGSAC as the SIG treasurer. I believe my experience and willingness to serve will contribute to the continued success of SIGSAC in the years to come.

Please vote for me!

Candidate for Secretary/Treasurer

Ralph Spencer Poore
Cryptographic Assurance Services, LLC, USA

BIOGRAPHY

Academic Background:

MA, TCU, 2005, Liberal Arts.

Professional Experience:

Chief Cryptologist, Cryptographic Assurance Services, US, LLC, 2008 – Present;
Chief Scientist, Innové LLC, US, 2005 – Present;
Chief Information Security Officer & VP, AdvancedPCS, US, 2001 – Present.

Professional Interest:

Applied cryptography; Compliance, Information Assurance; Cyber terrorism; Privacy.

ACM Activities:

Member, SIGSAC, 1976 – 2009;
Student Chapter Officer, TCU ACM Student Chapter, 1973 – 1973;
Student Member, ACM, 1972 – 1976;
Professional Member, ACM, 1976 – 2009.

Membership and Offices in Related Organizations:

President, (ISC)², 1994;
Chairman, Awards Committee, ISSA, 2006 – 2008;
Member, Advisory Board of the Americas, (ISC)², 2005 – 2009.

Awards Received:

(ISC)² President's Citation.

STATEMENT

The information security profession has many organizations representing its elements. For SIGSAC to be healthy, it must find and fill a niche and must reach out to other organizations for joint activities. I am active in ISACA, ISSA, (ISC)², and a number of other security-related organizations (e.g., CSI, ACFE, HTCIA, GAISP, IACR). I have been the editor of peer-reviewed security publications and am widely published with connections worldwide. I pledge to use my network to recruit new members and to create cross-organizational opportunities for SIGSAC members. I hold the following certifications: CFE, CISA, CISSP, CHS-III, CTGA & QSA.

For more information, please see
www.ralph-s-poore.com
www.linkedin.com/in/ralphspencerpoore
www.cryptographicassuranceservices.com.