

Guest Editorial

This issue features the first part of the special issue on Security and Privacy in Complex Systems.

In response to the call for papers we received 123 submissions, an overwhelming response attesting to the significance of the topic and its interest in the research community. These papers were evaluated on the basis of their significance, novelty, and technical quality. The reviewing process was carried out by an editorial board composed of experts in the field, to whom we are grateful for their dedicated and committed work in the process. Of the papers submitted, 28 were accepted for publication in the journal, giving an acceptance rate lower than 23%.

Due to page constraints, these 28 papers have been divided in two issues; each issue includes 14 papers that address different aspects related to security and privacy in complex systems.

Special Issue Editorial Board

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We would like to express our thanks to the Systems Council and to Mo Jamshidi, founding EiC of this journal, for their support. We are grateful to the members of the Editorial Board of this special issue for their dedicated, competent, and committed work in the process and to Giovanni Livraga for his hard work as the Publicity Chair of this special issue. We would also like to thank all the authors who have submitted their papers to the special issue, for their interest in the journal and in the security and privacy topics.

We hope that readers will find the issue interesting and a source of inspiration for their future research and practical development work.

SUSHIL JAJODIA, *Guest Editor*

PIERANGELA SAMARATI, *Guest Editor*

Halappanavar, Ryan Henry, Ravi Jhavar, Jonathan Katz, Stefan Katzenbeisser, Hyoungshick Kim, Yingjiu Li, Peng Liu, Giovanni Livraga, Michael Locasto, Javier Lopez, Wenjing Lou, Luigi Mancini, Fabio Martinelli, Sergio Mascetti, Roy Maxion, Carlos Alberto Maziero, John Mcdermott, Alessandro Mei, David Naccache, Peng Ning, Mohammad Obaidat, Stefano Paraboschi, Gerardo Pelosi, Emil Petriu, Benny Pinkas, Vincenzo Piuri, Radha Poovendran, Silvio Ranise, Indrakshi Ray, Indrajit Ray, Kui Ren, Elvinia Riccobene, William Robertson, P. Y. A. Ryan, Yucel Saygin, Sarah Spiekermann, Willy Susilo, Carmela Troncoso, Jaideep Vaidya, Venkat Venkatakrishnan, Luca Viganò, Michael Waidner, Lingyu Wang, Stephen Wolthusen, Xiaokui Xiao, Lei Zhang, Sheng Zhong, Jianying Zhou, Zutao Zhu, Sencun Zhu.



Sushil Jajodia received the Ph.D. degree from the University of Oregon, Eugene, OR, USA.

He is currently a University Professor, BDM International Professor, and the Director of the Center for Secure Information Systems, Volgenau School of Engineering, George Mason University, Fairfax, VA, USA. He has authored or co-authored six books, edited 38 books and conference proceedings, and published more than 400 technical papers in the refereed journals and conference proceedings. He holds ten patents and has several patent applications pending. He has supervised 26 doctoral dissertations. Nine of these graduates hold tenured positions at U.S. universities, four are NSF CAREER Awardees, and one is the DoE Young Investigator Awardee. Two more students are tenured at foreign universities. His current research interests include information secrecy, privacy, integrity, and availability.

Dr. Jajodia was a recipient of the 1996 IFIP TC 11 Kristian Beckman Award, the 2000 Volgenau School of Engineering Outstanding Research Faculty Award, the 2008 ACM SIGSAC Outstanding Contributions Award, and the 2011 IFIP WG 11.3 Outstanding Research Contributions Award. He was recognized for the most accepted papers at the 30th Anniversary of the IEEE Symposium on Security

and Privacy. His h-index is 72 and Erdos number is 2 (<http://esis.gmu.edu/jajodia>).



Pierangela Samarati is currently a Professor with the Department of Computer Science, Università degli Studi di Milano, Milan, Italy. Her current research interests include data protection, access control, and information privacy and security.

She serves as the Chair and as a member of steering committees of several conferences. She is the Chair of the IEEE Systems Council Technical Committee on Security and Privacy in Complex Information Systems, and of the Steering Committees of the European Symposium on Research in Computer Security and the ACM Workshop on Privacy in the Electronic Society. She is the Coordinator of the Working Group on Security of the Italian Association for Information Processing, the Italian Representative in the International Federation for Information Processing Technical Committee 11 on Security and Privacy. She is a member of the Steering Committee of the ACM Symposium on Information, Computer and Communications Security, the International Conference on Information Systems Security, and the International Conference on Information and Communications Security. She has served as the General Chair, the Program Chair, and a Program Committee Member of various conferences. In 2012, she has been named an IEEE Fellow for contributions in the fields of information security, data protection, and privacy. In 2009, she has been named the

ACM Distinguished Scientist. In 2012, she was a recipient of the IFIP WG 11.3 Outstanding Research Contributions Award (<http://www.di.unimi.it/samarati>).

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