

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.