

SUJEET SHENOI
F.P. Walter Professor of Computer Science
University of Tulsa, Tulsa, OK 74104

Education

Ph.D. (ChE), Kansas State University, Manhattan, Kansas, 1989
M.S. (CS), Kansas State University, Manhattan, Kansas, 1987
M.S. (ChE), Kansas State University, Manhattan, Kansas, 1984
B.Tech. (ChE), Indian Institute of Technology, Bombay, 1981

Areas of Specialization

Information Assurance, Critical Infrastructure Protection, Digital Forensics, Robotics and Control

Professional Experience

F.P. Walter Professor of Computer Science, 2003-present
Director, Cyber Security Education Consortium, 2004-present
Charles W. Oliphant Professor of Computer Science, 1999-2002
Associate Professor of Computer Science, 1992-1999
Assistant Professor of Computer Science, 1989-1992
University of Tulsa, Tulsa, Oklahoma

Research Assistant, Laboratory for Artificial Intelligence in Process Engineering, 1986-1988
Graduate Research Assistant, Department of Chemical Engineering, 1981-1988
Kansas State University, Manhattan, Kansas

Honors/Awards

1998-1999 U.S. Professor of the Year (Research and Doctoral Universities)
Carnegie Foundation for the Advancement of Teaching, Menlo Park, California

1997 Tau Beta Pi Teacher of the Year Award
College of Engineering and Applied Sciences, University of Tulsa, Tulsa, Oklahoma

Best Paper Award, XVIth International Cancer Congress,
New Delhi, India, October 26 – November 1, 1994

1993 Junior Faculty Research Award
College of Engineering and Applied Sciences, University of Tulsa, Tulsa, Oklahoma

1991 NSF Research Initiation Award
Database and Expert Systems Program, National Science Foundation

Sigma Xi Research Excellence Award (Best M.S. Thesis at Kansas State University, 1985)

Selected Publications (Total Refereed Publications: Approx. 140)

- [1] E. Goetz and S. Shenoi (Eds.), *Critical Infrastructure Protection*, Springer, New York, 2007 (to appear).
- [2] P. Craiger and S. Shenoi (Eds.), *Advances in Digital Forensics III*, Springer, New York, 2007 (to appear).
- [3] T. Kilpatrick, J. González, R. Chandia, M. Papa and S. Shenoi, Forensic analysis of SCADA systems and networks, *International Journal of Security and Networks*, 2007 (to appear).
- [4] M. Olivier and S. Shenoi (Eds.), *Advances in Digital Forensics II*, Springer, New York, 2006.
- [5] M. Pollitt and S. Shenoi (Eds.), *Advances in Digital Forensics*, Springer, New York, 2005.

- [6] S. Shenoi, A. Meehan, T. Moore and G. Manes, Countering the threats to America's public telephone networks, National Security Council Briefing, The White House, Washington, D.C., October 16, 2003.
- [7] E. Gudes and S. Shenoi (Eds.), *Research Directions in Data and Applications Security*, Kluwer, Norwell, Massachusetts, 2003.
- [8] J. Hale, M. Papa and S. Shenoi, Programmable access control, *Journal of Computer Security*, vol. 11, pp. 331-351, 2003.
- [9] M. Papa, O. Bremer, J. Hale and S. Shenoi, Integrating logics and process calculi for cryptographic protocol analysis, in *Security and Privacy in the Age of Uncertainty*, D. Gritzalis, et al. (Eds.), Kluwer, Norwell, Massachusetts, pp. 349-360, 2003.
- [10] G. Lorenz, J. Keller, G. Manes, J. Hale and S. Shenoi, Public telephone network vulnerabilities, in *Advances in Data and Applications Security*, M. Olivier and D. Spooner (Eds.), Kluwer, Norwell, Massachusetts, pp. 151-166, 2002.

Synergistic Activities

International Journal of Critical Infrastructure Protection: Dr. Shenoi is the founding Editor-in-Chief of the *International Journal of Critical Infrastructure Protection* (Elsevier, Amsterdam, The Netherlands).

IFIP Working Group 11.9 on Digital Forensics: Dr. Shenoi serves as the Secretary of IFIP WG 11.9, an active international community of researchers in the emerging field of digital forensics. He is the Editor-in-Chief of the annual WG 11.9 book series, *Advances in Digital Forensics* (Springer, New York).

IFIP Working Group 11.10 on Critical Infrastructure Protection: Dr. Shenoi serves as the Chair of IFIP WG 11.10, and is the Editor-in-Chief of the new WG 11.10 book series, *Critical Infrastructure Protection* (Springer, New York).

FBI Advisory Board: Dr. Shenoi is the Co-Chair of the RCFL National Steering Committee, which advises the FBI leadership on technical and policy issues related to digital forensics.

NSF ATE Regional Center: Dr. Shenoi is the Director of the Cyber Security Education Consortium (CSEC), a highly successful NSF ATE Regional Center. CSEC is focused on building community college programs in information assurance and forensics, and developing a high-tech workforce in a seven-state region (AR, CO, KS, MO, OK, TN, TX). Since 2003, CSEC has helped build academic programs at more than 25 community colleges. CSEC institutions are currently training more than 600 students and several thousand members of the workforce.

NSF/DoD Cyber Corps Program: Dr. Shenoi is spearheading Tulsa's NSF and DoD efforts, which prepare students for positions with the the U.S. government and military. The Tulsa program, which currently incorporates more than 40 students, is one of the largest in the country.

TURC Program: Dr. Shenoi founded this nationally-recognized undergraduate program of academics, research and service. For his efforts in creating and leading the TURC Program, Dr. Shenoi was named the 1998-99 U.S. Professor of the Year by the Carnegie Foundation.