Masthead

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Special Issue Editor’s Note

At a time when enrollment in Computer Science and Management Information Systems is low nation-wide, the fields of Digital Forensics, Information Security, and Cyber law are hot topics in our CS and MIS classrooms. Indeed, these fields are drawing students back. Therefore, it is imperative that we build relevant and interesting curriculum for our digital forensic and information security classrooms.

In this special issue, the Association for Digital Forensics, Security, and Law teamed with the organizers of the 2007 Information Security Curriculum Development conference (InfoSecCD). The best papers in the various tracks of the conference were reviewed and the “best of the best” were selected for this special issue. In all, five papers were selected; four in the academic domain and one geared more toward our practitioner readers. All should be of worth to those who have an interest in the information security domain.

The issue begins with “SecurityCom: A Multi-player Game for Research and Teaching Information Security Teams.” The article describes an innovative simulation program that pits network defenders against network attackers in a team-oriented approach. To add to the realism players have limited resources in which to use toward their objectives.

Next, the paper titled, “Education organization baseline control protection and trusted level security,” discusses the variability of information security standards across academic institutions. The article goes on to develop a baseline criteria for those institutions that incorporates management control, operational control, logical control, and development and maintenance control factors.

Then we move to “Making molehills out of mountains: Bring security research to the classroom.” In this paper the author describes how many times research is not translated into a usable form for the classroom. He goes on to discuss how researcher can benefit from this as it provides a mechanism by which the research can then be incorporated into the business community.

In “The Design and Implementation of an Automated Security Compliance Toolkit: A Pedagogical Exercise,” the authors describe how students can design and develop a security compliance toolkit from open source tools. Not only does the development of the toolkit serve as a valuable pedagogical exercise, but it demonstrates to students that regulatory compliance need not be an expensive task.

We close this issue with our practitioner-oriented paper; “Network and Database Security: Regulatory Compliance, Network and Database Security - A Unified Process and Goal.”

This paper discusses a defense-in-depth approach toward securing database