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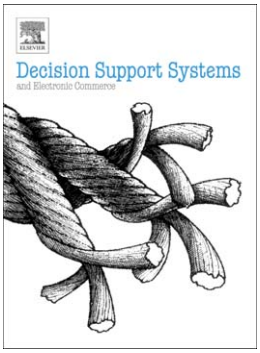

Special Issue Introduction: A Comprehensive Perspective on Information Systems Security - Technical Advances and Behavioral Issues

Xin Luo, Dmitry Zhdanov

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Xin Luo
Department of Marketing, Information Systems, Information Assurance and Operations Management
Robert O. Anderson School of Management
University of New Mexico
Albuquerque, NM 87131
Phone 505-277-8875, email xinluo@unm.edu

Dmitry Zhdanov
Department of Computer Information Systems
J. Mack Robinson College of Business
Georgia State University
P.O. Box 4015
Atlanta, GA 30302-4015
Phone 404-413-7368, email dzhdanov@gsu.edu

Special Issue Introduction: A Comprehensive Perspective on Information Systems Security - Technical Advances and Behavioral Issues

Recent years brought us many exciting developments in the ways technology changes the world. We now live in the age of big data analytics, near-ubiquitous connectivity and the emerging Internet of Things, to name just a few. With increasing data access and connectivity, information security takes on ever increasing importance. The potentially devastating impacts of inadequate information security are providing fertile ground for academic research focusing on security issues.

Over the years, information security was often studied with a narrow focus, usually either technical or psychological. Technical works were usually focused on developing better protection systems and algorithms, while psychological studies focused on understanding individual motivations to engage in unsafe behavior and identifying deterrence strategies. However, it is becoming increasingly clear that information security rarely relies on one

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