Introduction of the Minitrack on Information Security and Privacy

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The high profile information security breach incidents in recent years have increased the attention of cyber-security related issues from regulators, practitioners, and academic researchers. Despite the continued technological progress in cyber-security, massive security breaches, unauthorized disclosure of information and the intentional misuse of private information remain pervasive worldwide. The purpose of this interdisciplinary minitrack is to assess the current best practices and to advance research in managing information security and privacy.

This year, we are pleased to have selected eight papers that cover a wide range of topics in information security and privacy management.

Hsu, Wang and Lu start the first session. They investigate and discuss the association between ISO 27001 certification and firm performance. Babb and Steinbart perform a field experiment of password behaviors to investigate how the relaxing of security policy restrictiveness affects user behaviors. Wolf discusses examples of various perverse effects in defending computer systems and methods for avoiding them.

In the second session, Chipidza, Leidner and Burleson analyze more than 200 changes to privacy policies of five Internet companies and show that privacy policy updates are more likely to weaken privacy over a fifteen-year period. Matt and Peckelsen focus on the relationships between users' demands for more privacy and their counterintuitive actions. Alotaibi proposes a framework for information security in the context of software development. Erb and Knolmayer examine how and why business continuity management is assimilated in outsourcing relationships through the lens of institutional and assimilation theories.

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