Introduction to the HICSS-55 Minitrack on Innovative Behavioral IS Security and Privacy Research

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This minitrack provides a venue for innovative research that rigorously addresses the risks to information system security and privacy, with a specific focus on individual behaviors within this nomological net. Domains include work related to detecting, mitigating, and preventing both internal and external human threats to organizational security. Papers may include theory development, empirical studies (both quantitative and qualitative), case studies, and other high-quality research manuscripts, with a particular interest in emerging, rigorous research methods for investigating their phenomenon of interest.

This year, the minitrack features six papers addressing a range of behavioral security and privacy research questions that will stimulate further discussion and exploration of the key phenomena within this domain.

- "The Role of Heuristics in Information Security Decision Making" by Amir Fard Bahreini, Ron Cenfetelli, and Hasan Cavusoglu.

- "Fear might motivate secure password choices in the short term, but at what cost?" by Marc Dupuis, Karen Renaud, and Anna Jennings.

- "Towards a Taxonomy of Information Security Policy Non-Compliance Behavior" by Sebastian Hengstler, Robert C. Nickerson, and Simon Trang.

- "Design of a Chatbot Social Engineering Victim" by Ryan Schuetzler, Justin Giboney and G. Grimes.

- "Proposing a Hybrid Model that Reconciles Rationality and Nonrationality in Information Privacy Decision Making" by Bongsik Shin and Gimun Kim.

- "What Makes Health Data Privacy Calculus Unique? Separating Probability from Impact" by Mark Keith, Autumn Clark, Tamara Masters, and Curtis Wigington.

These papers address some of the most relevant and interesting problems in behavioral information security and privacy, covering topics and concepts such as heuristics and inadvertent human errors, rational and nonrational decision making as it relates to information privacy, information security non-compliance behaviors, adversarial thinking and social engineering, fear and password hygiene, and health data privacy calculus.

We have scheduled an online virtual session for the authors to present their research and to engage in discussions with the virtual audience members following each paper. We believe that this year's contributions will lead to interesting discussions and will advance our knowledge of information security and privacy within our discipline.

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