

# Workshop on Information Security and Privacy (WISP) 2022

Hosted by AIS SIGSEC and Bright Internet

AC Hotel Bella Sky, Center Blvd. 5, 2300 København, Denmark

December 11, 2022

<https://cybersecurity.fsu.edu/wisp/>

Registration and Breakfast (8:00 – 8:50 AM)	
<b>Welcome (8:50 – 9:00 AM)</b> SIGSEC President: Obi Ogbanufe	
<b>Keynote Address: (9:00-9:50 AM)</b> <b>Richard Baskerville (Georgia State University)</b>	
Break (9:50-10:00 AM)	
<b>Session 1 (10:00 AM – 12:00 PM)</b>	
Track A: Organizational Issues in Cybersecurity Track chair: Matthew Jensen	Track B: Cyber Threat Detection Track chair: Adeline Frenzel-Piasentin
Cybersecurity Risk of Interfirm Cooperation: Alliance or Joint Venture? <i>Huseyin Tanriverdi and Ghiyoung Im</i>	Will SOC Telemetry Data Improve Predictive Models of User Riskiness? A Work in Progress <i>Michael Curry, Byron Marshall, Forough Shadbad, and Sanghyun Hong</i>
Making Sense of Certification Internalization: A Process Model for Implementing Information Security and Data Protection Certifications <i>Philipp Danylak, Sebastian Lins, Carol Hsu, and Ali Sunyaev</i>	Too good for Malware: Investigating Effects of Entitlement on Cybersecurity Threat Assessment and Piracy Behavior <i>Andy Bowman, Madhav Sharma, and David Biros</i>
Factors Influencing the Organizational Decision to Outsource IT Security <i>Antra Arshad, Atif Ahmad, and Sean B. Maynard</i>	Blockchain Technologies and Forensic Challenges: Emergent Potential and Diverging Affordances <i>Chadi Aoun</i>
The Value Relevance of an Official Press Release of a Security Breach and Complementarities between the Content Elements of the Release <i>Nirup Menon, Brian Ngac, and Fatou Diouf</i>	Progenitors and Antagonists of Shadow IT Use: Results of a computational-driven approach using Reddit data <i>Animesh Kumar, Christoph Burtscher, and Andreas Eckhardt</i>
A Role Theory Perspective: Will Shifting Left Become a Pain for Application Developers? <i>Hwee-Joo Kam and John D'Arcy</i>	Network Analysis of a Darknet Marketplace: Identifying Themes and Key Users of Illicit Networks <i>Obi Ogbanufe, Fallon Baucum, and Jasmine Benjamin</i>
<b>Lunch (12:00 – 1:00 PM)</b>	
<b>Awards Ceremony</b> (Conference Chairs): Shuyuan Mary Ho Metcalfe and Kane Smith	
<b>Session 2 (1:00 – 3:00 PM)</b>	
Track A: Security Training and Compliance Track chair: Michael Curry	Poster Slam Session Track chair: Andy Green
Risk Compensation Behaviors on Cascaded Security Choices <i>Richard Henkenjohann and Manuel Trenz</i>	Poster presentations: Please see the next page for poster titles and author names.
Do Measures of Security Compliance Intent Equal Non-Compliance Scenario Agreement? <i>Byron Marshall, Forough Shadbad, Michael Curry, and David Biros</i>	
Trading well-being for ISP compliance: An investigation of the positive and negative effects of SETA programs <i>Jalal Sarabadani, Robert E. Crossler, and John D'Arcy</i>	
Revisiting neutralization theory and its underlying assumptions to inspire future information security research <i>Wael Soliman and Hojat Mohammadnazar</i>	
Choose Your Words Wisely! Understanding the Strategic Communication of Differential Privacy <i>Aycan Aslan, Maike Greve, and Till Ole Diesterhöft</i>	
<b>COFFEE BREAK (3:00 – 3:30 PM)</b>	
<b>PANEL DISCUSSION (3:30 – 4:20 PM)</b>	

Publishing Information Security and Privacy Research in Top Journals <b>Panel:</b> France Belanger (Virginia Tech), Alec Cram (University of Waterloo), Huigang Liang (University of Memphis), Mikko Siponen (University of Jyväskylä) <b>Moderator:</b> Bryan Hammer (Oklahoma State University)	
Break (4:20 – 4:30 PM)	
<b>SESSION 3 (4:30 – 5:45pm)</b>	
Track A: Policy and Regulatory Issues in Cybersecurity Track chair: Shuyuan Mary Ho Metcalfe	Track B: Privacy and Information Disclosure Track chair: Christina Wagner
Beyond Economic and Financial Analyses: A revelatory study of IT security investment decision-making process <i>Rajiv Kohli, Suprateek Sarker, Mikko Siponen, Mari Karjalainen, and Xiuyan Shao</i>	Cookie Intermediaries: Does Competition Leads to More Privacy? Evidence from the Dark Web <i>Arion Cheong, Tawei Wang, and Daniel Sokol</i>
Introducing Conversational Explanations as a Novel Response Strategy to Data Breach Incidents in Digital Commerce <i>Till Ole Diesterhöft, Dennis Benner, and Benjamin Brauer</i>	Exploring the Impact of Data Breaches and System Malfunctions on Users’ Safety and Privacy Perceptions in the Context of Autonomous Vehicles <i>Henrik Lechte and Jannes Heinrich Diedrich Menck</i>
Configuration and management of security procedures with dedicated ‘spa-lang’ domain language in security engineering <i>Tomasz Krym, Aneta Poniszewska-Maranda, Lukasz Chomątek, and Jakub Chłapiński</i>	Perceived Privacy Violations through Information Sharing with External Parties – Diving into User Perceptions and Reactions <i>Christina Wagner, Manuel Trenz, Chee-Wee Tan, and Daniel Veit</i>

<p><b>Posters:</b></p> <ol style="list-style-type: none"> <li>Mapping Privacy Concern Research from 2011 to 2020: Co-word, Bibliographic coupling, and Co-citation analyses <i>Ruilin Zhu, Youyou Tao, and Ace Vo</i></li> <li>Deception as Bias: Theory-based Data Pipeline Using Bayesian Networks <i>Ronit Purian-Lukatch and Natan Katz Katz</i></li> <li>Fostering an Organizational Cybersecurity Culture: A Culture Identity Perspective <i>Kira Gedris, France Belanger, and Anthony Vance</i></li> <li>Study of Privacy-Preserving Mechanisms in Contact Tracing Applications <i>Taimoor Ali Danish and Sergey Butakov</i></li> <li>A Conceptual Model for the Development of an Information Security Culture of Policy Compliance to Improve Cyber-security Practices Within Small and Micro Enterprises (SMEs) in Developing Countries: Case: Jamaica <i>Nadine Barrett-Maitland and Kweku-Muata Osei-Bryson</i></li> <li>Exploring the Dark Side of IT Security: Delphi Study on Business Processes’ Influencing Factors <i>Tizian Matschak, Ilja Nastjuk, Stephan Kühnel, and Simon Trang</i></li> <li>The Role of Culture in Privacy Assurances for Mobile Cloud Computing Apps <i>Hamid Reza Nikkhah, Frederic Schlackl, and Rajiv Sabherwal</i></li> <li>How is security training content provided? – A taxonomy-based approach to real-world SETA programs <i>Florian Rampold, Florian Schuetz, Julia Klein, and Kristin Masuch</i></li> <li>Security of Internet of Things in Healthcare: A Systematic Literature Review <i>Arun Aryal and Crystal Wu</i></li> <li>Vendor-Sided, Perceived Architectural and Outcome-Related Privacy Risks – Exploring Messaging Service Discontinuance <i>Verena Kessler Verzar, Adeline Frenzel-Piasentin, Jason B. Thatcher, and Daniel J. Veit</i></li> <li>A Self-regulatory Framework of Security Fatigue: Antecedents and Implications on Security Behavior <i>Akanksha Malik, Sanjay Goel, and Shuchi Sinha</i></li> <li>Harmonizing Espoused Privacy and Privacy Behavior: The Myth of the Privacy Paradox <i>Jingyi Huang, Sanjay Goel, Alan Dennis, and Kevin Williams</i></li> <li>Value Based Objectives for Preventing Online Sex Trafficking <i>Smriti Srivastava and Gurpreet Dhillon</i></li> </ol>
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