

Proceedings of the 20th Pre-ICIS  
Workshop on Information Security and Privacy  
Nashville, TN USA, December 14, 2025

Updated: 12/12 2:00 PM

Start	End	ID	Title	Authors	Rm
<b>8:00 AM</b>	<b>8:15 AM</b>		<b>Welcome and opening remarks</b>	<b>2025 WISP Program Committee</b>	
8:15 AM	8:40 AM	49	How do Cybersecurity Professionals Calibrate Trust and Justification with AI Under Infobesity	Raghvendra Singh and Pavankumar Mulgund	1
8:15 AM	8:40 AM	42	Impact of AI Slacking on Information Security Policy (ISP) Non-compliance: A moderating effect of Security Awareness	Md Tuhinur Rahman, Moez Farokhnia Hamedani, Motahareh Pourbehzadi and Hamid Nemati	2
8:40 AM	9:05 AM	19	Malevolent or Benevolent, Utilitarian or Hedonic? Mapping Deepfake Perceptions through Ethical and Social Lenses	Shao Chew and Huigang Liang	1
8:40 AM	9:05 AM	53	Between Confidence and Risk: Exploring Cybersecurity Behavior of Generation X Users	Annette Mills	2
9:05 AM	9:30 AM	28	When Fluency Misleads: Congruence, Absorption, and Truth Discernment in GenAI Image Creation	John Patrick Akinyemi	1
9:05 AM	9:30 AM	25	A Mixed-Method Case Study of Information Security Culture at an Energy Firm	Samantha Phillips, Salvatore Aurigemma, Bradley Brummel and Tyler Moore	2
9:30 AM	9:55 AM	38	Protecting Minors from Deepfake Harms: A Review of Prevalence, Detection, and Law	Elisa Simons	1
9:30 AM	9:55 AM	10	Email Phishing Prevention: An Explainable Nudging Approach	R. Mason Wagner, Benjamin Ampel, Matthew Hashim and Hsinchun Chen	2
9:55 AM	10:20 AM	13	Learning Together: How Experiential Training and Social Interaction Drive Employee Phishing Reporting	Biju Varghese and Dr. Quang Bui	1
9:55 AM	10:20 AM	6	Large Language Models for Infrastructure as Code Vulnerability Remediation	Raul Y. Reyes, Benjamin M. Ampel and Hsinchun Chen	2
10:20 AM	10:45 AM	8	Why Do Employees Disclose Sensitive Data to GenAI? A Person-Environment-Technology Perspective	Feng Xu and Lanying Li	1
10:20 AM	10:45 AM	46	The Role of Virtual Reality-Based Phishing Training in Mitigating Information Security Risks.	Marshia Mim and Cris Souza	2
10:45 AM	11:10 AM	33	ETHOS Framework: A Human-in-the-Loop Approach to Responsible GenAI Deployment in Decision Support Systems	Hrshitva Patel, Philip Menard and Abhishek K V	1
10:45 AM	11:10 AM	52	Cyberterrorist Threat Hunting: Creating a Cyber-Physical Taxonomy in Higher Education Contexts	Deanna House, Michelle Black and Sushmita Sengar	2
11:10 AM	11:35 AM	12	The Dual-Fit Imperative: A Grounded Theory of CISO Effectiveness	Mazino Onibere, Atif Ahmad and Sean B. Maynard	1
11:10 AM	11:35 AM	30	Pro-Social, Not Pro-Breach: Guilt Appeals Invoke Security Citizenship	Weijie Zhao and Yifeng Ruan	2
<b>11:10 AM</b>	<b>12:25 PM</b>		<b>Lunch - Poster Sessions</b>		
<b>12:25 PM</b>	<b>12:50 PM</b>		<b>Awards</b>		
12:50 PM	1:15 PM	11	Process Modeling How National Cybersecurity Policy Gets Made	Adam Caldwell, Sean Maynard and Atif Ahmad	1
12:50 PM	1:15 PM	9	"We Keep Our Words" - How Ransomware Groups Use Negotiation Chats to Construct Credibility with Victims	Gilbert G. Hoevel	2
1:15 PM	1:40 PM	20	A Machine Learning Model of ISP Risk Profiles Using Intent and System Logs	Michael Curry, Byron Marshall, Forough Shadbad and Hannah Le	1

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1:15 PM	1:40 PM	43	Grounded Theory Investigation into Contemporary Digital Piracy	Andrew Bowman, Bryan Hammer and Mikko Siponen	2
1:40 PM	2:05 PM	44	Pressure and the Financial Logic of Cybersecurity Disclosure	Mohammad Mohsin, Moez Farokhniahamedani and Lakshmi Iyer	1
1:40 PM	2:05 PM	26	Analysis of Public and Underground Discourse for Cyber Threat Intelligence: A Routine Activity Theoretic Approach	Paras Bhatt, Rohit Valecha and Raghav Rao	2
2:05 PM	2:30 PM	29	The TikTok Ban: Triggering Four Personas about Data Privacy	Yanbing Long and Shaila Miranda	1
2:05 PM	2:30 PM	27	Measuring Strategy Coherence in Security Operations Centers: A Goal-Metric Mapping Framework	Wellington Tatenda Gwavava and Andrew Morin	2
2:30 PM	2:55 PM	22	Dimensionality Reduction of SOC Data to Efficiently Build Classifiers	Kyle Wright, Lakshika Vaishnav and Sanjay Goel	1
2:30 PM	2:55 PM	18	Executive Doxing and Organizational Image: How Attacks Directed at Executives Affect Perceptions of the Firm	Mattie Bryant and Jason Thatcher	2
2:55 PM	3:20 PM	17	A Sensitivity Analysis Framework for Controlling Enterprise Knowledge Leakage	Jordan Shropshire and Andrew Cobb	1
2:55 PM	3:20 PM	37	Inequitable Burdens: Ecosystem-Level Fairness and Asymmetry in Cybersecurity Compliance	Hallie Zimmerman and France Belanger	2
3:20 PM	3:45 PM	48	Balancing Value and Control: Understanding Privacy Disclosure to Autonomous AI Agents through an Integrated Theoretical Lens	Haisen Li and Philip Menard	1
3:45 PM	4:10 PM	40	Engaging Americans to Advocate for Their Digital Privacy: A Cross-Cultural Study	Tomiko Ballard and Philip Menard	1
3:45 PM	4:10 PM	47	The Strategic Mix: Cybersecurity Resource Allocation, AI/ML Adoption, and Data Breach Risk in Healthcare	Mohammad Mohsin and Tashrif Uddin	2
4:10 PM	4:35 PM	35	Controlling the Release of Sensitive Information by Creating Integer Representations of Inferences	Graham Gal	1
4:10 PM	4:35 PM	51	Exploring the Impact of Deceptive Data Privacy Cues on Consumers' Well-Being	May Bantan and Laura Boman	2
<b>4:45 PM</b>	<b>5:00 PM</b>		<b>Closing remarks - Program Committee</b>		