

Workshop on Information Security and Privacy (WISP) 2024

Hosted by AIS SIGSEC

Queen's Park Marriott Marquis, Bangkok, Thailand

December 15, 2024

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

Registration and Breakfast (8:00 – 8:30 AM)
Welcome (8:20 – 8:30 AM) SIGSEC President: Phil Menard
Keynote Address: (8:30-9:15 AM) Dr. Juan (Jane) Feng, Professor, Tsinghua University / Co-Guest Editor, MISQ Special Issue on AI-IA
SESSION 1 (9:15 – 10:15 AM)
Track: Behavioral Cybersecurity 1 Session chair: Christina Wagner
Paper 25: Contextual Factors as Moderators of Demographic Effects on Phishing Victimization <i>Lina Zhou, Zhe Fu and Dongsong Zhang</i>
Paper 7: Conceptualizing Mobile Security Mindfulness: A Mixed-Methods Research <i>Bowen Guan, Yangting Li and Carol Hsu</i>
Paper 21: Human-Computer Interaction in Multimodal Fake News Detection <i>Mateusz Walczak and Aneta Poniszewska-Maranda</i>
COFFEE BREAK (10:15-10:30 AM)
SESSION 2 (10:30 AM – 11:30 AM)
Track: Behavioral Cybersecurity 2 Session chair: Adeline Frenzel-Piasentin
Paper 19: Contextual Influences on Phishing Susceptibility: A Qualitative Comparative Analysis <i>Fabian Hable, Bart van den Hooff and Nina-Birte Schirmmacher</i>
Paper 31: The Spillover Effect of Workplace Cybersecurity Training on Home Cyber Hygiene <i>Weiyu Wang and Matthew Jensen</i>
Paper 18: Examining Accounting Employees Information Security Policy Stress: Insights from the Justice and Responsibility Rationalization <i>Randi Jiang</i>
POSTER SESSION (11:30 AM – 12:00 PM) Session chair: Sebastian Schuetz
LUNCH (12:00 – 1:00 PM) Awards Ceremony (Conference Chairs): Phil Menard, Greg Bott, and Shuyuan Mary Ho Metcalfe
SESSION 3 (1:00 – 3:00 PM)
Track: Organizational and Systemic Cybersecurity Challenges Session chair: Jonna Järveläinen
Paper 28: Corporate Governance and the Insider Threat: Investigating the Impact of Management Teams on Data Breaches <i>Miloslava Plachkinova and Prachi Gala</i>
Paper 5: Moral Dynamics in the Age of Remote Work: Exploring the Role of Generational Shifts in Information Security <i>Patricia Akello, David Firth and Shawn Clouse</i>
Paper 14: Boundary Uncertainty in Interorganizational Information Sharing <i>Christina Wagner, Manuel Trenz, Chee-Wee Tan and Daniel J. Veit</i>
Paper 6: Measurement of Cybercrime Severity: A Victims' Perspective <i>Binod Kumar, Saji K. Mathew and Kandaswamy Paramasivan</i>
Paper 24: Between Habit and Control—Opening the Black Box of ISP Compliance Under Stress <i>Theresa Pfaff, Florian Rampold, Gilbert Hoevel and Jana Driller</i>
Paper 34: Bystanders' Perceptions and Reporting Responses in Doxing Cases: The Influence of Online Social Dynamics <i>Yuan Fang</i>
COFFEE BREAK (3:00 – 3:20 PM)

SESSION 4 (3:20 – 4:40 PM)

Track: Generative AI and Emerging Cybersecurity Tools | Session chair: Patricia Akello Perry

Paper 15: Integrating Generative AI in Cybersecurity: A Sensemaking Perspective
Hwee-Joo Kam, Allen Johnston, Wael Soliman and Chen Zhong

Paper 23: Using Generative AI for Cybersecurity Awareness Training in Healthcare
Dmitry Zhdanov, Thomas Caldera and Mary Elaine Califf

Paper 16: Wait, Is This Dangerous For Me? Consumers' Reactions to Data Breaches That Pose (No) Risk to Them
Frederic Schlackl and Florian Pethig

Paper 32: Experience and Efficiency in Vulnerability Resolution on Bug Bounty Platforms
Ali Ahmed, Brian Lee and Amit Deokar

CLOSING REMARKS (4:40 – 5:00 PM)

Posters:

1. Paper 17: Categorizing Differences in Cyber Incident Definitions and The Impact on Regulatory Compliance
Stuart Madnick and Angelica Marotta
2. Paper 22: A Comprehensive Analysis of Data Breaches and Compromised Data Classes: Trends and Implications from 'Have I Been Pwned' Dataset
Abhishek Sharma and May Bantan
3. Paper 30: How Human Behavior Can Mitigate AI-Generated Cybersecurity Threats
Abdul Rahman Noordeen and Miloslava Plachkinova
4. Paper 35: Building a Foundation in Cyber Hygiene and Privacy: A Study of Existing Frameworks and the Development of a Model Cybersecurity Curriculum for Primary School Students
Srinivas Josyula and Abhishek Srivastava
5. Paper 20: Bringing Ransomware to Light – Insights from the First Iteration of the Design of an Artifact to Collect Ransomware Real-World Data
Gilbert Hoevel, Tim Brinkmeier, Lukas Sestendrup and Florian Rampold
6. Paper 27: MorphDet: Towards the Detection of Morphing Attacks
Jival Kapoor, Priyanka Singh and Manoranjan Mohanty
7. Paper 12: Identifying Cybersecurity Threats Using Security Logs: A Review of SIEM Risk Estimates
Adam Solomon, Michael Curry, Forough Shadbad and Byron Marshall