Workshop on Information Security and Privacy (WISP) 2023
Hosted by AIS SIGSEC
Hyderabad International Convention Centre (HICC), India
December 10, 2023
https://cybersecurity.fsu.edu/wisp/

Registration and Breakfast (8:00 – 8:50 AM)
Welcome (8:50 – 9:00 AM) SIGSEC President: Shuyuan Mary Ho Metcalfe
Keynote Address: (9:00-9:30 AM) **Dr. N. Rajendran, Chief Digital Officer, Multi Commodity Exchange of India**
PANEL DISCUSSION (9:30 – 10:00 AM) **Topic**: Challenges of securing public digital infrastructure in India and beyond **Panel:** Sates Palagiri, Chief of Mobility Solutions at National Payments Corporation Of India (NPCI); Krishna Sastry Pendyala, Partner, Cyber Security at Ernst & Young (EY) LLP; Prof. G Geethakumari, BITS Pilani **Moderator:** Gurpreet Dhillon
Break (10:00-10:15 AM)
SESSION 1 (10:15 AM – 11:45 AM)
Track: Organizational Cybersecurity Considerations Track chair: Laura Georg Schaffner
Effectiveness of organizational mitigations for cybersecurity, privacy, and IT failure risks of artificial intelligence *Huseyin Tanriverdi and John-Patrick Akinyemi* Optimization of investments in cybersecurity: A linear programming approach *Swati Jain and Arunabha Mukhopadhyay* Cybersecurity in contemporary organizations: A leadership challenge *Gurpreet Dhillon and Rajiv Kohli* Cyber security and risk disclosure: A literature review for theory and practice *Laura Georg Schaffner, Patrizia Tettamanzi and Michael Murgolo*
POSTER SESSION (11:45 AM – 12:15 PM) Chair: Andy Green
LUNCH (12:15 – 1:15 PM) **Awards Ceremony** (Conference Chairs): Shuyuan Mary Ho Metcalfe and Andy Green
SESSION 2 (1:15 – 3:15 PM)
Track: Behavioral Cybersecurity Track chair: Deepti Agrawal
Information security policy violations in the work-from-home era *Balagopal N and Saji Mathew* What technical and professional skills are needed for cybersecurity roles? *Mary Sumner, Chris Maurer, Dan Mazzola and Keri Pearlson* Understanding Generation Z's information security behaviors regarding penalties, pressures and perceived effectiveness *Alisha Madhuvarshi, Kane Smith, Gurpreet Dhillon and Joti Kaur* Protection against phishing attacks on social networks with use of selected machine learning *Aneta Poniszewska-Maranda and Aleksander Lemiesz* To follow the rules or break them: A rule following perspective *Darin Hodges, Deepti Agrawal and Russell Haines* How to avoid medication errors – Investigating the roles of policies and nudging from a stress perspective *Gilbert G. Hövel, Ilja Nastjuk, Simon Trang and Tizian Matschak*
COFFEE BREAK (3:15 – 3:30 PM)

SESSION 3 (3:30 – 5:10 PM)
Track: Societal Security and Privacy Issues Track chair: Kane Smith
Antecedents and outcomes of information privacy concerns: A replication study in rural India *Manjinder Kaur, Gurpreet Dhillon, Kane Smith and Joti Kaur* A bibliometric analysis of privacy concepts based on Westin information privacy eras *Eric Di Benedetto and Alain Cucchi* Escaping the echo: Understanding the impact of social media on overconcentration of emerging technology security threats *Harsh Parekh and Paras Bhatt* Examining the influence of moral roundations on polarization in social media discourse: A context of vigilantism *Shalini Kapali Kurumathur, Rohit Valecha, Govind Hariharan and H. Raghav Rao* Cloud optimization for disinformation detection and news veracity *Lumbardha Hasimi and Aneta Poniszewska-Maranda*
CLOSING REMARKS (5:10 – 5:30 PM)

Posters:

1. Achieving data privacy through legislation
   Ganesh J and Rajendra Bandi

2. Understanding the impact of ransomware attack: A comprehensive study on evolution, detection and prevention techniques, challenges
   Rimpa Dutta

3. Building inter-organizational information security management practices
   Hanna Paananen

4. Healthcare security breaches in the United States: Insights and their socio-technical implications
   Megha Moncy, Sadia Afreen and Saptarshi Purkayastha

5. The evolution of cybersecurity and information privacy laws and regulations: The case of India
   Simran Dhillon and Chandrashekar Challa

6. Applications of big data technologies to cope with cybersecurity challenges
   Babak Safaei and Yufei Yuan

7. Cybersecurity challenges due to the unethical exploitation of AI by Generation Z
   Saksham Shori, Gurpreet Dhillon, Kane Smith and Joti Kaur

8. From likes to shields: The influencer effect on cybersecurity awareness
   Srinivas Josyula and Abhishek Srivastava

9. Implications of India's privacy regulation on telehealth
   Shubha Krishnamurthy and Rajendra K. Bandi

10. Cyber-risk management framework for ransomware attacks
    Kalpit Sharma

WORKSHOP CO-CHAIRS
Shuyuan Mary Ho Metcalfe, Florida State University
Philip Menard, The University of Texas at San Antonio
Andy Green, Kennesaw State University
Obi Ogbanufe, University of North Texas

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