



MISQE and SIM Academic Workshop

In Preparation for the December 2024 MISQE Special Issue on

MANAGING CYBERSECURITY TO ADDRESS INCREASING DIGITAL RISK

Sponsored by:

The Society for Information Management and *MIS Quarterly Executive*

Location: ICIS 2023 pre-conference Workshop in Hyderabad, India

Date: Saturday, December 9, 2023

Time: **TBD**

OVERVIEW

The digital transformation of organizations continues to intensify bringing great benefits. However, accompanying the proliferation of technology in organizations has been a surge in cybersecurity and other forms of digital risk. Novel research is needed to further identify these risks and illuminate how these risks can be mitigated.

This MISQE Special Issue seeks to publish practice-based research on the management of cybersecurity and other digital risks that will be translatable to organizational efforts. We encourage academic researchers, IT industry security leaders, and collaborations between academic leaders and practice-based leaders to address the challenges of Digital Risk, Cybersecurity, and Information Privacy.

Authors should submit abstracts of research papers to the workshop to gain feedback and suggestions prior to a full paper submission to MISQE. Practitioner abstracts and joint academic/practitioner abstracts are welcome. Examples of possible research topics are presented in the following section, though other topics can also be considered.

POSSIBLE RESEARCH TOPICS

- Organizing to manage information security (e.g., the role of the CISO, boards of directors, etc.)
- Advances in developing and operationalizing organizational cyber resilience
- Impact of new security and privacy regulations, governance, and compliance
- Behavioral issues in security and privacy (e.g., security policy compliance antecedents)
- Risk and response to cyberwarfare and threats to critical infrastructure
- Legal, social, and ethical issues in security and privacy
- The role and effectiveness of cyber insurance
- Development and use of cyber risk metrics
- Advances in information security education, training, and awareness (SETA)
- Digital risks in emerging technologies (e.g., AI, blockchain, IoT, cryptocurrencies, etc.)
- Novel approaches to managing threat intelligence, incident detection, and response
- Socio-technical analysis of information security and privacy
- Mitigation of insider threats, computer abuse, deception, and other insecure behaviors

- Detailed case studies and lessons learned from analyzing cybersecurity breaches
- Preventing and rapidly recovering from ransomware attacks
- Improving cybersecurity information sharing
- The Dark Web and the cyber criminal ecosystem

WORKSHOP DEADLINES

- Submit an abstract of no more than two single-spaced pages of text and up to 2 figures. We will not count figures and references in the 2-page limit: **September 1, 2023**.
- **Abstract submission: email to MISQE_SI_Cybersecurity@MIT.edu**
- Notification of workshop acceptance with preliminary editorial feedback: **October 15, 2023**.

SPECIAL ISSUE SUBMISSION DEADLINES

- Special Issue full paper submission deadline: **March 1, 2024**.
- **Full paper submission link: <https://mc.manuscriptcentral.com/misqe>**
- First editorial review sent to authors: **May 1, 2024**.
- Paper resubmission based on editor feedback deadline: **July 1, 2024**.
- Second editorial review, decision, and suggestions to authors: **August 1, 2024**.
- Final submission of accepted papers deadline: **October 1, 2024**.
- MISQE publication: **December 2024**.

SPECIAL ISSUE EDITORS

Stuart Madnick, Sloan School of Management, MIT; smadnick@mit.edu

Jeffrey Proudfoot, Bentley University; jproudfoot@bentley.edu

Mary Sumner, University of Oklahoma; Mary.B.Sumner-1@ou.edu

WORKSHOP COMMITTEE AND SPECIAL ISSUE ASSOCIATE EDITORS

Chon Abraham, College of William & Mary

Atif Ahmad, University of Melbourne, AUSTRALIA

W. Alec Cram, University of Waterloo, CANADA

Dionysios Demetis, Hull University, UNITED KINGDOM

Gurpreet Dhillon, The University of North Texas

Alexandra Durcikova, University of Oklahoma

Steve Furnell, University of Nottingham, UNITED KINGDOM

Dennis Galletta, University of Pittsburgh

Keman Huang, Renmin University of China, CHINA

Blake Ives, University of Houston

Tom Kaczmarek, Marquette University

Chris Maurer, University of Virginia

Adrian Mayers, VP & CISO, Premera Blue Cross

Shuyaun Mary Ho Metcalfe, Florida State University, President-Elect AIS SIGSEC

Arunabha Mukhopadhyay, Indian Institute of Management Lucknow, INDIA

Nelson Novaes Neto, CTO, C6 Bank, BRAZIL

Obi Ogbanufe, University of North Texas, President AIS SIGSEC

Keri Pearlson, Executive Director, Cybersecurity at MIT Sloan, Massachusetts Institute of Technology

Caren Shiozaki, Fortium Partners, Chair, SIM DigiRisk SIG

If you have any questions: Contact MISQE_SI_Cybersecurity@MIT.edu