Conf-IRM 2025

Conference Theme: **Embracing an Intelligent Future, Hosted by the Boğaziçi University, Istanbul, Turkiye, 23-25 June 2025**

Track Title: Information Security, Privacy, and Risk Management

In the evolving landscape of digital technology and business, the intersection of information security and Management Information Systems (MIS) has never been more critical.

This track offers an in-depth exploration of information security and cybersecurity from a management information systems perspective, blending technical insights and latest technological advances with strategic business considerations. It aims to reveal how cybersecurity measures and business operations intertwine, highlighting the critical role of safeguarding digital assets to promote a secure and innovative business landscape,

The key themes at the intersection of cybersecurity, management information systems, and AI technologies will be comprehensively explored. Topics include but are not limited to:

- **Cybersecurity Frameworks and Governance:** Examining how organizations can develop robust cybersecurity frameworks that align with strategic business objectives, including risk management practices, compliance, and governance models.
- **Technical Measures and Business Continuity:** Investigating the technical measures organizations can employ to safeguard against cyber threats, alongside strategies for ensuring business continuity in the face of cyber incidents.
- **Human Factors in Security:** Exploring the critical role of human behaviour and organizational culture in cybersecurity, including training, awareness programs, and the psychology techniques and factors behind cybersecurity breaches.
- **Generative AI and Cybersecurity Threats:** Assessing the evolving landscape of cybersecurity threats and the role of emerging technologies such as artificial intelligence (AI) and machine learning in detecting and mitigating risks posed by cyber threats, and in protecting against adversarial attacks.
- **Data Privacy and Data Protection:** Addressing the challenges and strategies related to data privacy and data protection in increasingly complex digital world, including regulatory compliance and ethical considerations for data protection in distributed environments.

Track Co-Chairs

- Bilgin Metin, Bogazici University, **bilgin.metin@bogazici.edu.tr**
- Krassie Petrova, Auckland University of Technology, NZ, **krassie.petrova@aut.ac.nz**