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

Track Name: Enterprise Information Systems and Industry 4.0

Track Description:

This track is aimed at providing researchers and experts with an opportunity to explore the role of Industry 4.0 and Enterprise Information Systems (EIS) in driving sustainability within organizations and industries. Research on how digital technologies and enterprise systems are transforming industrial processes and enterprise operations, improving resource efficiency, reducing environmental impact, and fostering sustainable business practices. The goal is to investigate conceptual models, methodological approaches, innovations, challenges, and best practices in developing sustainable IT solutions for Industry 4.0 such as supply chain management, enterprise resource planning, and other critical areas. Furthermore, extended EIS can include examples such as Hospital Information Systems, Government Information Systems, and issues related to enterprise architecture (hybrid mode, integration) and contemporary architecture modelling languages.

The topics may include Sustainable Enterprise Systems, Next Generation Enterprise Information Systems Platforms, Extended EIS from a sustainability management perspective, lifecycle management and sustainable procurement of enterprise IT infrastructure, IoT and Industrial Automation for Sustainability, Circular Economy and IT-enabled Sustainability in Enterprises, Integrating sustainability frameworks within enterprise IT governance models, Compliance with environmental regulations and standards in industrial and enterprise IT systems.

This track can be of interest to both academia and industry practitioners focusing on the convergence of sustainability goals and digital transformation efforts in industrial and enterprise environments.

Track Co-Chairs

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