Conf-IRM 2025

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

Track Title: Future of Education, Health and the Public Sector

Information technologies (IT) are pivotal in advancing education, healthcare, and public services by improving accessibility, efficiency, and personalization. In education, IT enables new models of teaching and learning, ranging from online courses and interactive digital resources to data-driven assessments and personalized learning paths. Moreover, in healthcare, IT innovations like telemedicine, electronic health records, and predictive analytics transform patient care, providing insights that support preventive measures, early diagnosis, and improved treatment outcomes. In the public sector, IT enhances governance by streamlining public services, improving transparency, and increasing citizen engagement. Digital platforms enable more efficient service delivery, while technologies such as big data and AI support informed decision-making, resource optimization, and effective crisis response. This track emphasizes the trends, issues, challenges, solutions, and potential consequences of the digitalization of educational, healthcare, and public services in the modern society.

Possible topics

Topics of interest include, but are not limited to:

1. Leveraging Artificial Intelligence for Personalized Learning Experiences
2. The Impact of Virtual and Augmented Reality on Student Engagement and Learning Outcomes
3. Telemedicine: Expanding Access to Healthcare Services in Remote Areas
4. The Importance of Electronic Health Records in Modern Healthcare Systems
5. Big Data Analytics in Predictive Healthcare: Transforming Patient Management
6. Smart Cities: The Role of IoT in Enhancing Urban Infrastructure and Services
7. Blockchain Technology for Secure and Transparent Public Administration
8. The Role of Cloud Computing in Facilitating E-Governance and Digital Services
9. Digital Transformation in Education, Healthcare, and Public Sector: Overcoming Barriers to Technology Adoption

Track Co-Chairs

- Eusebio Scornavacca, Arizona State University, Tempe, US, **Eusebio.Scornavacca@asu.edu**
- Hamed Jafarzadeh, Macquarie University, Sydney, Australia, **hamed.jafarzadeh@mq.edu.au**