

Conf-IRM 2026

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Estonian Business School, Tallinn, Estonia

Track 5: Digital Futures in Education, Health and the Public Sector

Information technologies (IT) play a pivotal role in transforming education, healthcare, and public services by enhancing accessibility, efficiency, and personalization. In education, IT supports innovative teaching and learning models - ranging from online and hybrid learning environments to interactive digital tools, data-driven assessments, and adaptive learning systems tailored to individual needs. In healthcare, IT-driven solutions such as telemedicine, electronic health records, and predictive analytics are revolutionizing patient care by enabling preventive strategies, facilitating early diagnoses, and improving treatment outcomes. Within the public sector, IT strengthens governance through streamlined service delivery, increased transparency, and greater citizen participation. Digital platforms enhance the efficiency of administrative processes, while technologies such as big data, artificial intelligence, and the Internet of Things (IoT) enable evidence-based decision-making, resource optimization, and rapid crisis response.

This track explores emerging trends, key challenges, practical solutions, and the broader social and ethical implications of digital transformation in education, healthcare, and public services within contemporary society.

Possible topics

Topics of interest include, but are not limited to:

- Leveraging Artificial Intelligence for Personalized Learning Experiences
- The Impact of Virtual and Augmented Reality on Student Engagement and Learning Outcomes
- Telemedicine: Expanding Access to Healthcare Services in Remote Areas
- The Importance of Electronic Health Records in Modern Healthcare Systems
- Big Data Analytics in Predictive Healthcare: Transforming Patient Management
- Smart Cities: The Role of IoT in Enhancing Urban Infrastructure and Services
- Blockchain Technology for Secure and Transparent Public Administration
- The Role of Cloud Computing in Facilitating E-Governance and Digital Services
- Digital Transformation in Education, Healthcare, and Public Sector: Overcoming Barriers to Technology Adoption
- Ethical and Legal Challenges of AI-Driven Decision-Making in Public Sectors
- The Impact of Generative AI on Knowledge Creation and Professional Development in Education
- Digital Literacy and Capacity Building for Educators, Healthcare Professionals, and Public Servants

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