

Conf-IRM 2026

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Estonian Business School, Tallinn, Estonia

Track 10: Research Methods and Emerging Approaches in Information Systems

In the digital era, IS research faces unprecedented opportunities and challenges. Massive data growth and pervasive digital tool use have expanded the scope of IS inquiry across domains from medicine to the arts, often requiring cross-disciplinary perspectives and opening up opportunities for novel research practices. Advanced tools such as big data analytics and artificial intelligence (AI) enable analysis at a scale, supporting semi-automated theory discovery but also demanding new approaches to ensure rigor and relevance in IS scholarship. Meanwhile, qualitative and design-oriented scholars are exploring novel approaches (e.g., virtual ethnography, computational analysis) to study digital phenomena and address pressing ethical and societal issues in IS.

We invite broad and inclusive contributions on research methodology and emerging approaches within the IS domain. Submissions may be conceptual or empirical and employ any epistemological stance or method, as long as they connect to and advance IS research.

Topics of interest include, but are not limited to:

- Novel research methods in IS (quantitative, qualitative, or design science), including adaptation of techniques from other disciplines.
- Cross-disciplinary and mixed-method approaches to investigate emerging IS phenomena.
- Big data analytics, machine learning, and AI for IS research and theory development.
- Methodological rigor, transparency, and ethics in new IS research approaches (e.g., ensuring replicability, fairness, and practical relevance).
- Engaged scholarship and design-oriented methodologies for addressing contemporary digital challenges in IS.

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