The 15th Mediterranean Conference on Information Systems (MCIS) and The 6th MENA Conference on Information Systems (MENACIS) 2023
"Bridging Communities in a Digital World"
September 6–9th, 2023

Track #11

Digital Technology Governance

Track Description

The consumerisation of digital technologies has led to their rapid development and adoption within and around organizational settings. Such technologies have received increased attention from academics and practitioners alike due to their potential for enabling shifts in decision-making and shaping new organizational dynamics as well as business opportunities. The uncontrolled proliferation of such solutions, however, along with the high percentages of organizations that fail to incorporate them during digital transformation endeavours, has given rise to questions related to their governance at organizational, industry, as well as societal levels. Organizational decision-making, for instance, is increasingly shaped by both human-driven analyses, as well as algorithmic solutions. To best leverage the potentials of both actors, human-algorithm interactions need to be carefully designed and governed. A challenge in this respect is to manage digital technologies through the involvement of decision-makers, especially since the value creation and capture opportunities of such solutions are not yet fully clear. In such cases, overcoming algorithm aversion is critical, where research suggests that humans need a certain level of autonomy to function well. Building on these arguments, much more overarching organizational changes are likely to emerge through the development and adoption of digital technologies as they open up new strategic opportunities for organizations in all sectors. Such developments, however, may also be accompanied by natural tensions and rigidities between competing priorities.

As digital technologies hold the potential of transforming organizations, industries, and the society at large, therefore, there is an increasing need to further explore questions related to their governance within and around organizational settings. In doing so, we welcome conceptual as well as empirical papers with a focus on digital technology governance that make a clear contribution to the Information Systems literature. We welcome any methodological stance as well as contrarian, and critical views.

Track Main Topics

Indicative topics include but are not limited to:

- Human-Algorithm interactions and collaboration
- Algorithmic aversion and algorithmic familiarity
- Information quality governance for digital technologies
- The influence of digital technologies on organizations and organizing
- Ethical implications and unintended consequences of digital technologies
- Governance considerations at various stages (e.g., development or adoption)
- Context-dependent governance opportunities and challenges (e.g., healthcare)

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