

International Journal of Information Management

CALL FOR PAPERS

Special Issue on:

Implications of Artificial Intelligence (AI) for Decision-Making and the Future of Work

By 2025, nearly a quarter (24%) of global GDP will come from digital technologies such as AI (World Economic Forum). AI has been claimed to offer almost unlimited potential across sectors and industries, ranging from reinventing business models to redesigning the customer experience to decision-making (Duan et al., 2019) to changing the nature and the future of work (Schwartz et al., 2019).

AI in the workplace environment may affect the nature of work, replace specific roles currently performed by humans, or even better, enhance human capabilities (e.g. AI-enabled recruiting) (Dwivedi et al., 2019). It is estimated that till 2030, automation and AI will significantly impact the one third of our work activities (Manyika et al., 2017). This means that the current way we work and operate might be altered radically, which can potentially cause significant societal changes.

Apart from the work environment, AI technologies in general are no longer viewed as just scientific tools, they are essential to the functioning of companies across industries (Davenport, 2018), as well as the global economy and society. Although AI has been in existence for over six decades, it has recently experienced resurgence in interest from the academic community. This special issue aims to contribute to this discourse and therefore we are interested in studies using any of the full range of investigative methodologies from qualitative to quantitative, with data collected by surveys, experiments, interviews, observations, and so forth. We also welcome the studies from diverse paradigmatic premises from positivist, to interpretivist and design science. As we see this as an emerging area of inquiry, we are particularly interested in theory-building studies and empirically founded frameworks related to how we AI be used for greater social good and economic good.

This Special Issue aims to bring together contributions from a variety of perspectives, disciplines and communities for the advancement of knowledge regarding AI. Some organizations focus on driving business value and keeping ahead of competitors. At the same time others can have a view of facilitating societal change, generating value that impacts both them and the society overall. We seek interdisciplinary papers that can bridge various domains including information systems, organizational science, strategic management, and information science.

Topics of submission include, but are not limited to:

- Challenges of AI in decision making
- AI in society and discriminatory bias
- Ethical, policy and governance implications
- AI decision-making
- Trust and transparency of AI-based decision making
- Digital transformation via AI
- AI and its impact on the nature and future of work
- Social, behavioral, and economic implications of AI
- AI-enabled changes to business strategy, business models and ecosystems
- AI-enabled changes to innovation and value creation processes
- Challenges and implications for Information Systems research

Forms of Submission

This Special Issue will consist of invited papers that are extended or modified versions of selected papers accepted at the 20th IFIP I3E Conference on e-Business, e-Services and e-Society (www.I3E2021.com), Galway, Ireland. The submission will be a substantial revision of the conference publication, and the authors will be required to submit a letter detailing the difference between their conference paper and the new version. The invited papers will go through peer review; if an invited conference paper does not receive a satisfactory review, the paper will not be considered for the Special Issue.

Submission Instruction

Manuscripts must be submitted in PDF format to the International Journal of Information Management online submission system at <https://www.evise.com/profile/#/IJIM/login>. Authors should select “**AI: Decisions & Work**”, from the “Choose Article Type” pull-down menu during the submission process. All contributions must not have been previously published or be under consideration for publication elsewhere. Paper submissions must conform to the format guidelines of International Journal of Information Management available at <https://www.journals.elsevier.com/international-journal-of-information-management>

Important dates

- Submission deadline: 30th November 2021
- Notification of first round reviews: 31st January 2022
- Revised Manuscripts due: 31st March 2022
- Notification of second round reviews: 31st May 2022
- Final Version Due: 31st July 2022

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