

Journal of Decision Systems

Special Issue on Artificial Intelligence and Analytics in Practice

AI and Analytics (AI&A) continue to disrupt organisational activities, ranging from their interaction with the customers (Duan et al., 2019) to their decision-making process (Power et al., 2019) to innovations (Duan et al., 2018). Understanding how organisations use AI&A to generate actionable insights that create business and social value is critical to sustaining a competitive advantage (Berns et al., 2009; Iglesias et al., 2019; Pappas et al., 2018). Such disruptions coupled with a growing awareness about the 'dark side' (i.e. inequalities, exclusion) of AI&A (Davenport et al., 2007) require reflections on the professional and ethical application of AI&A so that actionable lessons can be drawn for practitioners.

This special issue aims to contribute to practice, and therefore, we are interested in empirical studies that showcase best practices in the use of AI&A in a variety of contexts such as retail, start-ups, health, fintech, manufacturing, supply chains, and so forth.

TOPICS OF SUBMISSION CAN INCLUDE, BUT ARE NOT LIMITED TO:

- Experience reports on the use of AI and/or analytics (incl. challenges, solutions, and lessons learned)
- Best practices emerging from the use of AI and/or analytics
- AI&A-driven decision-making
- AI&A-enabled innovations (incl. business models, product, software)
- Digital transformation via AI&A
- Digital disruption due to AI&A
- Management and governance of AI&A
- Ethical and policy considerations related to AI&A

FORMS OF SUBMISSION

This Special Issue will consist of: (1) the best submissions from an open Call for Papers; and (2) invited papers that are extended and/or modified versions of selected papers accepted at the 20th IFIP I3E Conference on e-Business, e-Services and e-Society (www.i3e2021.com), NUI Galway, Galway, Ireland. In the latter case, 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.

SUBMISSION GUIDELINES

Authors are requested to adhere to the submission guidelines of the Journal of Decision Systems (JDS) found at "[Instructions for Authors](#)". Manuscripts are to be submitted through the journal "[Submission System](#)":

1. Choose "Submit an article" and create an account.
2. In "Submission Creation": Select "Journal of Decision Systems" from the drop-down list and select Article Type: "Special Issue".
3. In "Manuscript Details": Enter the name of the special issue "AI&A Decision-making".

IMPORTANT DATES

- Submission of Manuscript: 30th September 2021
- Final Author Notification: 30th October 2021
- Final Submission (camera-ready): 30th November 2021
- Publication Date: To be scheduled in 2022

ACCEPTANCE CONDITIONS

- Only original and unpublished research papers in English will be considered.
- Authors are advised to follow ethical norms regarding plagiarism and self-plagiarism fully before submitting and must ensure that their submissions do not substantially overlap work that has been published elsewhere or simultaneously submitted to a journal or another conference with proceedings.
- Papers are limited to a minimum of 4,000 words and a maximum of 5,000 words, not including references, figures, tables and appendices.
- All papers will undergo a double-blind review process.

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