

IFKAD
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# IFKAD 2027

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University of Basilicata, Matera, Italy

# The Ecology of Knowledge in the AI Era

**CALL FOR EXTENDED ABSTRACTS - IFKAD 2027**
**www.ifkad.org**

**Special Track n.: 26**

## Navigating AI in Organisations: Knowledge Management, Decision Making, Collaboration and Governance

### Description

Artificial Intelligence (AI) is becoming an ever-greater part of our everyday lives, shaping how we access information, communicate, work, and make choices.
A similar transformation is taking place within organisations, where AI is assuming a growing role across an expanding range of activities and decision-making processes. While AI was initially deployed for data processing, prediction, and optimisation, recent developments point to a broader role in which AI-based systems not only analyse data but also generate and interpret information, evaluate alternatives, formulate recommendations, and increasingly contribute to organisational decision-making. In this constantly evolving landscape, AI systems are not simply tools used by organizations to make decisions but are becoming increasingly embedded in organisational knowledge ecosystems. This growing integration creates a dual organisational challenge: leveraging AI to enhance knowledge and decision processes while managing the new dependencies, tensions, and responsibilities that may accompany its use. In fact, due to their capacity to process large amount of data and identify patterns, AI can support firms in improving knowledge management approaches and coordination among organizational actors, making sense of complex phenomena and responding more rapidly to changing conditions, transcending basic operational efficiency (Van Looy, 2021; Zoppeletto, 2024). In turn, by improving the way knowledge is shared and managed, digital infrastructures can also contribute to the development of dynamic capabilities, inter-organisational collaboration, and organisational resilience (Argyroudis et al., 2022; Boh et al., 2023; Chen et al., 2025; Giliyana et al., 2025).
Thereby, the integration of AI into knowledge management processes is redefining organisational practices and the relationship between human actors and AI-based technologies (Leoni et al., 2024). However, the same mechanisms through which AI can strengthen organisational knowledge processes may also alter how knowledge, authority, and responsibility are distributed within organisations. Indeed, with AI assuming a more active role in interpreting knowledge and supporting decision-making, organisations are facing emerging challenges across several related dimensions, ranging from transparency and human autonomy to algorithmic control and the relationship between human and AI systems (Wang, 2025). These tensions are accompanied by additional concerns regarding the interpretability of outputs generated by AI, bias and fairness, accountability and responsibility, as well as the risk of excessive reliance on AI outputs (Rezaei et al., 2024; Leoni et al., 2024).
Although these issues have received increasing attention in research on the ethical, transparent, and accountable use of AI, research still provides limited understanding of how they can be addressed through concrete organisational structures, relationships, and procedures (Papagiannidis et al., 2025). Therefore, there is a need to clarify how organisations can design and govern AI-enabled decision-making processes. The challenge is no longer simply to understand whether and how AI is adopted, but how organisations can manage its integration, address emerging tensions, and ensure clear responsibility and accountability.
According to this, the Special Track encourages theoretical, empirical, and conceptual contributions examining AI-enabled decision-making from organisational, managerial, institutional, and regulatory perspectives. This Special Track aims to explore how the growing involvement of AI is reshaping the processes through which knowledge is generated, interpreted, validated, and translated into decisions, as well as the organisational mechanisms required to govern emerging human–

AI configurations and address the related issues. The track intends to foster an interdisciplinary discussion on how organisations can effectively integrate AI into knowledge and decision processes, capture the opportunities it creates, and simultaneously address the organisational, managerial, and governance tensions that accompany its growing role.

## Indicative Topics

- How can AI enhance the creation, interpretation, sharing, and integration of organisational knowledge while preserving knowledge quality, contextual understanding, and human judgement?
- How can organisations leverage AI to improve the speed, consistency, and quality of decision-making while avoiding excessive reliance on algorithmic outputs and preserving meaningful human oversight?
- How can organisations develop effective forms of human–AI collaboration while managing tensions related to autonomy, trust, control, role ambiguity, and the redistribution of decision responsibilities?
- How can AI strengthen coordination, collaboration, dynamic capabilities, adaptation, and organisational resilience while avoiding new forms of technological dependence, rigidity, or loss of organisational capabilities?
- How does the increasing involvement of AI in organisational knowledge ecosystems reshape the distribution of knowledge, agency, and authority between human and artificial actors, and what opportunities and tensions emerge from these new configurations?
- What organisational structures, routines, and managerial practices enable the effective integration of AI into organisational processes while maintaining clear responsibility, accountability, and control?
- How can organisations exploit increasingly complex AI systems while ensuring that their outputs remain sufficiently interpretable, transparent, fair, and accountable for organisational use?
- How can governance mechanisms support experimentation and value creation through AI without constraining innovation, while simultaneously addressing bias, unintended consequences, and inappropriate or excessive use?
- How do institutional, regulatory, and ethical frameworks enable or constrain the adoption and integration of AI, and how can organisations respond to these requirements without undermining their capacity to innovate and adapt?
- How can AI facilitate knowledge exchange and collaboration across organisational boundaries while addressing emerging challenges related to coordination, trust, responsibility, and governance?

## Keywords

*Artificial Intelligence; Knowledge Management; Knowledge Sharing; Decision Making; Human–AI Interaction*

## Organizers

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Follow this link to see the Special Track details on IFKAD website ››

## Guidelines and Requirements

Researchers wishing to contribute are invited to submit an EXTENDED ABSTRACT (in MS Word format) of min 500 and max 1000 words, not later than **22 JANUARY 2027**. All submission must be done via dedicated form on our website. The abstract should address theoretical background, research objective, methodology, and results in terms of expected contribution to Knowledge Management theory and practice.
Authors are required to follow the guidelines and templates available on IFKAD website: www.ifkad.org

## Important Dates

**22 January 2027** – Extended Abstract Submission Deadline
**19 February 2027** – Acceptance Notification to Authors
**16 April 2027** – Early-Bird Registration & Payment Deadline
**23 April 2027** – Full Paper Submission Deadline
**28 May 2027** – Regular and PhD Students Registration & Payment Deadline
**12 June 2027** – Conference Program Release
**28-30 June 2027** – Conference sessions *(to be considered as 3 full working days)*

Please note that all above indicated dates are **CUT-OFF** deadlines. There will not be an extention to any of these.

## Further Information

For any information related to the conference and/or any special track, please see the event website at www.ifkad.org or contact the conference manager at **info@ifkad.org**