

Knowledge Futures: AI, Technology, and the New Business Paradigm

CALL FOR ABSTRACTS – IFKAD 2025

Special Track n.: 10

Thematic Area: KM and AI Exploration and Adoption

Artificial Intelligence and Strategic Knowledge Management

Description

The unending environmental changes experienced by modern organizations stem from technological advancements, business digitization, talent mobility and continuous innovation (*Dragicevic et al., 2020; Drucker, 2001; Kim and Rhee, 2009; Petaraf and Bergen, 2003*). In this changing landscape, digital technologies like AI can have an impact on productivity in organizations by effectively managing strategic knowledge in this dynamic business environment (*Edwards and Lönnqvist, 2023; Jarrahi et al., 2023; Venkitachalam and Schiuma, 2022*). The available literature on innovative organizations underscores the importance of knowledge creation and the transformation of that knowledge into products and services that generate unique and sustainable value (*Bandera et al., 2017; Edwards et al., 2003; Trevino et al., 2021*). For a continuous flow of innovations, organizations must constantly develop and manage their codified and non-codified knowledge through codification and personalization knowledge management strategies, as discussed by (*Bandera et al., 2017; Venkitachalam & Willmott, 2016*).

AI has a significant role in managing the abundance of documented knowledge in the context of strategic knowledge management in organizations (*Edwards and Lönnqvist, 2023; Jarrahi et al., 2023*). In their work, Venkitachalam and Willmott (2015, p. 345) describe strategic knowledge management as the effective use of specialized knowledge to impact and respond to environments. The importance of managing the dynamics of strategic organizational knowledge for work productivity and innovation has been emphasized by studies such as Venkitachalam and Willmott, (2015), Palvalin et al., (2018) and Dragisevic et al., (2020). External influences, like competition and emerging technologies like AI, can shape the dynamics of strategic knowledge management. So, different dynamic characteristics can affect the translation of organizational knowledge, requiring managers to take a strategic approach to foster valuable knowledge development in their products and services (*Bandera et al., 2017; Grant, 1996; Trevino et al., 2021*). Recent studies have also identified the key role of knowledge management processes in mediating the effects of AI and strengthening the potential of AI in business (*Leoni et al., 2022*).

Enablers such as AI tools, a non-hierarchical management structure, collaborative work environment and timely support for people are valuable for the effective management of strategic knowledge in organizations (*Puranam et al., 2014; Venkitachalam and Schiuma,*

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2022). Failure to do so can result in organizations struggling with major issues, such as inefficient knowledge processes, which can lead to organizational memory loss, resource wastage, and capital misallocation.

This track on AI and strategic knowledge management is open to contributions that align with the conference theme focus, particularly in the following areas, but not limited to.

- What is the influence of AI on the dynamics of strategic knowledge in organizations?
- In what ways does AI shape the integration of KM strategies and innovation performance in organizations?
- How does AI relate to the design of organizational knowledge strategies?
- In what ways does KM mediate AI effects in organizations?
- What impact does codification KM strategy have on AI's role and organizational competitiveness?
- How does personalization KM strategy shape the relationship between AI and organizational competitiveness?
- How do AI, codification, and personalization strategies impact innovation in organizations?
- What impact do technological innovations such as AI and emerging technologies have on the strategic knowledge development of organizations?
- How have historical perspectives shaped the impact of advanced technologies on strategic knowledge management in organizations?
- Examining theoretical approaches to strategic knowledge management and how it affects the role and use of AI.

Keywords

Artificial Intelligence, Strategic Knowledge, Digital Technologies, KM strategies, Codification, Personalization, Knowledge Dynamics

Organizers

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Guidelines

Researchers wishing to contribute are invited to submit an **EXTENDED ABSTRACT** (in editable format) of **min 500 and max 1000 words** not later than **31 JANUARY 2025**, using the submission procedure available on the 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 for both extended abstracts as well as full papers available on IFKAD site: www.ifkad.org

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Important dates

31 January 2025	<i>Extended Abstract submission deadline</i>
24 February 2025	<i>Acceptance notification to authors</i>
20 April 2025	<i>Early-Bird registration cut off</i>
02 May 2025	<i>Full paper submission deadline</i>
31 May 2025	<i>Registration deadline</i>
2-4 July 2025	<i>Conference sessions</i>

For further information

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