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CALL FOR ABSTRACTS – IFKAD 2025

Special Track n.: 11

Thematic Area: KM, AI and Organization Behavior and Processes

Navigating AI and Cutting-Edge Technologies in Knowledge Management

Description

In an era of unprecedented technological advancement, the intersection of artificial intelligence (AI), cutting-edge technologies and knowledge management (KM) has become central to organizational success *(Iaia et al., 2024; Malik et al., 2022)*. As firms and society transition into a new business paradigm, driven by knowledge-intensive activities and digital/technological transformation, it is crucial to explore how AI and cutting-edge technologies reshape knowledge management within organizations *(Chen, 2024; Smolinski, 2024)*.

The power of AI and cutting-edge technologies is already known. For instance, AI can foster more efficient collaboration through intelligent knowledge-sharing platforms *(Sumbal et al., 2024)*. Recommender systems and smart assistants help employees access relevant information, facilitating the knowledge flow across different organizational units *(Kumar and Mittal, 2024)*. This can help organizations in improving knowledge sharing practices and reduce knowledge hiding behaviors *(Masood et al., 2024)*. AI's ability to process vast amounts of data can lead to new knowledge generation, especially in complex, data-rich environments. Technologies such as natural language processing, machine learning, and predictive analytics enable organizations to detect patterns, forecast trends, and make more informed decisions *(Chowdhury et al., 2022)*.

However, while AI and cutting-edge technologies bring significant benefits, they also pose substantial risks, particularly in the field of knowledge management *(Kong and Yuen, 2024)*. Ethical decisions related to data privacy and security are significant challenges. AI systems rely on vast datasets, therefore organizations should ensure privacy and security of this knowledge. The integration of AI into KM processes raises concerns about who has access to sensitive knowledge and how this knowledge can be protected from cyber threats *(Rahman and Islam, 2024)*. Moreover, AI-driven automation in knowledge processes may lead to job displacement, especially among knowledge workers performing routine cognitive tasks *(AlQershi et al., 2023; Malik et al., 2022)*. This will require organizations to rethink workforce development strategies and invest in reskilling programs to ensure humans remain relevant in this rapidly evolving landscape. From those strategies also intellectual capital (in term of human, relational and structural) should also be considered in leveraging KM practices related to the AI or vice-versa. By using stakeholder management approaches,

organizations can facilitate relational approaches within middle and low management to facilitate the adoption and improvement of AI and cutting-edge technologies. Also the sharing of knowledge will be improved.

Therefore, as organizations continue to adapt to the new business paradigm, it is essential to predict the future of knowledge management in the technology-driven era. AI and cutting-edge technologies present new opportunities for continuous learning ecosystems that evolve in response to organizational needs, enabling firms to adapt and grow in knowledge-intensive industries and enhance the awareness of the importance of intellectual capital. This track aims to examine how AI and cutting-edge technologies are enhancing knowledge creation, sharing (reducing the hidden knowledge), dissemination, and application while also critically evaluating the risks and challenges they introduce within organizations. In addition, it invites discussions that critically assess the consequences and potential negative impacts of AI adoption in organizational knowledge systems also by using the business ethical lens. Moreover, it encourages discussions on sector-specific challenges and successes, offering insights into how industries such as healthcare, finance, education, and manufacturing are integrating AI and cutting-edge technologies to improve knowledge management processes.

Keywords

Artificial Intelligence; Cutting-edge Technologies; Knowledge Management; Knowledge sharing; Knowledge hiding; Organizations; Intellectual capital, Business ethics

Organizers

Vincenzo Varriale, University of Salerno, Italy
Antonello Cammarano, University of Salerno, Italy
Francesca Michelino, University of Salerno, Italy
Mirko Perano, University of Salerno, Italy
Agim Mamuti, Western Balkan University, Albania

Special Track details published on IFKAD website ››

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

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