

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

CALL FOR ABSTRACTS – IFKAD 2025

Special Track n.: 40

Thematic Area: AI, Healthcare and Technology

Health Technology Assessment and Artificial Intelligence in Healthcare Systems

Description

Artificial intelligence and Digital health technology have fuelled a revolution in healthcare, especially since Pandemic crippled the global healthcare system. Digital health technologies comprise mobile health, health information technology, wearable devices, telehealth, telemedicine, mobile Internet devices and personalized medicine, and recently, innovative technological advancements that are influencing smart health are AI, metaverse, and data sciences. These technologies lead to better prevention; the early detection of fatal diseases; and the remote management of chronic diseases peripherally to the customary care locations, such as wirelessly observed therapy, following a novel method of monitoring adherence to therapy. Notably, the necessity for deploying Digital health technology and AI has become a requirement to offer health services anywhere and at any time in the age of disruptive and minimally invasive medicine. The applications have surged due to the substantially enhanced computing power of modern computers and the vast amount of digital data available for collection and utilisation. Artificial intelligence technologies are being used for a range of healthcare applications. However, Digital health technology and artificial intelligence also faces various technical, ethical, and governance challenges as it moves forward in healthcare. It raises data security- and privacy-related issues because it utilizes sensitive and confidential data bound by legal panels. The use of the Digital health technology and artificial intelligence in addressing challenges could be limited by the quality of existing health data and application's failure to reflect certain human characteristics.

- Digital health technology and artificial intelligence impact the traditional healthcare processes?
- What are the key drivers and challenges of Digital technology and artificial intelligence adoption in healthcare sector?
- What role does artificial intelligence play in decision-making in health organizations?
- How can organizations effectively manage the human- artificial intelligence collaboration?

Keywords

AI; Healthcare; Digital health technology; decision – making; knowledge management;

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Guidelines

Researchers wishing to contribute are invited to submit an **EXTENDED ABSTRACT** (ineditable 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

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