

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

## CALL FOR ABSTRACTS – IFKAD 2025

Special Track n.: 30

Thematic Area: AI, Healthcare and Technology

### Artificial Intelligence in Medicine: Transforming Healthcare Through Innovation

#### Description

The rapid advancements in Artificial Intelligence (AI) are reshaping various industries, and medicine is no exception. This track aims to explore the dynamic intersection between AI and medicine, examining how AI technologies are revolutionizing healthcare delivery, diagnosis, treatment, and patient care. The track will bring together researchers, practitioners, and industry experts to discuss cutting-edge developments, challenges, and future directions in this rapidly evolving field.

#### Objectives:

- To explore the current state of AI applications in medicine, including diagnostics, treatment planning, and patient management.
- To discuss the ethical, legal, and social implications of integrating AI into healthcare systems.
- To showcase innovative AI-driven solutions that enhance clinical decision-making and patient outcomes.
- To identify challenges and opportunities in the adoption of AI technologies in clinical practice.
- To foster interdisciplinary collaboration between AI researchers, healthcare professionals, and policymakers.

#### Key Topics:

- AI in Diagnostics: The use of machine learning algorithms in imaging, pathology, and genetic testing for more accurate and timely diagnoses.
- AI in Treatment and Management: Personalized medicine through AI-driven treatment plans, including drug discovery and precision therapy.
- AI in Patient Monitoring and Care: Applications of AI in wearable devices, remote monitoring, and telemedicine for continuous patient care.
- Ethics and AI in Medicine: Addressing the ethical challenges, including bias in AI algorithms, patient privacy, and informed consent.
- AI in Healthcare Operations: Improving healthcare efficiency through AI in hospital management, resource allocation, and workflow optimization.
- Future Trends in AI and Medicine: Emerging technologies such as AI-powered robotics, natural language processing in clinical settings, and AI in mental health.

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## Expected Outcomes:

- A comprehensive understanding of the role of AI in transforming medical practice, healthcare delivery and hospital management systems.
- Identification of key areas where AI can address unmet medical needs and improve patient outcomes.
- Insights into the ethical considerations and regulatory frameworks necessary for responsible AI integration in medicine.
- Networking opportunities for participants to collaborate on future research and projects in AI and healthcare.

## Target Audience:

This track is designed for AI researchers, medical professionals, healthcare administrators, policymakers, and industry stakeholders interested in the application of AI in medicine. It will also benefit anyone interested in the future of healthcare and the role of emerging technologies in shaping it.

## Keywords

*Artificial Intelligence; Medical Diagnostics; Precision Medicine; Machine Learning; Healthcare Innovation; Clinical Decision Support; Ethical AI; Patient Privacy; Patient Monitoring; AI in Healthcare Operations; AI-Driven Treatment*

## Organizers

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[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](http://www.ifkad.org)

## Important dates

|                         |  |
|-------------------------|--|
| <b>31 January 2025</b>  | <i>Extended Abstract submission deadline</i> |
| <b>24 February 2025</b> | <i>Acceptance notification to authors</i>    |
| <b>20 April 2025</b>    | <i>Early-Bird registration cut off</i>       |
| <b>02 May 2025</b>      | <i>Full paper submission deadline</i>        |

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

**31 May 2025**  
**2-4 July 2025**

*Registration deadline*  
*Conference sessions*

## **For further information**

For any information related to the event, please see the event website at [www.ifkad.org](http://www.ifkad.org) or contact the conference manager at [info@ifkad.org](mailto:info@ifkad.org)