

29th International Multiconference Information Society

Jožef Stefan Institute, Jamova cesta 39, Ljubljana, Slovenia

# AI IN HEALTHCARE 2026

## About the Conference

AI IN HEALTHCARE 2026 aims to bridge the gap between cutting-edge Generative AI research and

Jožef Stefan Institute

8 October 2026

practical healthcare applications in the Widening countries. This conference will focus on evaluating and advancing the state-of-the-art in Large Language Models (LLMs) and their potential to transform healthcare through robust, ethical, and effective applications.

## Conference Themes

We invite interdisciplinary submissions related to the development, assessment, and application of generative AI within the healthcare sector, including but not limited to: Advances in LLMs for Healthcare · Ethical Implications and Governance of AI in Medicine · Multimodal AI Systems for Comprehensive Healthcare Solutions · AI Applications in Diagnostics, Treatment, and Patient Management · Evaluating AI's Impact on Public Health Policies · Integrative AI Solutions for Personalized Medicine

## Submissions

Researchers, practitioners, and industry professionals are encouraged to submit original research papers, case studies, and review articles that provide insights into the current capabilities and future directions of AI in healthcare. Submissions should be accessible to a broad scientific audience and must adhere to the following guidelines:

- **Length:** Papers should not exceed 6 pages, including references.
- **Language:** Submissions must be in English.
- **Format:** Please follow the template and submission guidelines on the conference submission portal.

## Important Dates

Abstract Submission Deadline: **August 24, 2026**

Notification of Acceptance: **August 28, 2026**

Full Paper Submission Deadline: **September 3, 2026**

Conference date: **October 8, 2026**

## Publication

Accepted papers will be published in the Information Society 2026 Conference Proceedings. Selected papers will also be considered for a special issue of a reputable Informatica journal, subject to further peer review.

## Conference Event

The AI in healthcare 2026 conference will be held in a hybrid format, allowing for both physical attendance and virtual participation. The conference will feature:

- Keynote presentations by leading experts in AI and healthcare.
- Panel discussions on the *Challenges and Opportunities of Implementing AI Solutions in Medical Settings*.

- Interactive sessions for demonstrations of *AI Technologies in Healthcare*.
- Panel discussion on *Ethical AI Use in Healthcare*: A discussion with ethicists, practitioners, and policymakers on navigating the ethical challenges of AI in healthcare.
- Workshop on *Data Privacy and Security in AI Applications*: A technical workshop addressing the critical aspects of data management in healthcare AI.

Presentations will be organized in sections according to the presentation topic and language. In principle, the presentations will be in the same language as the published contribution. The official languages of the conference are Slovenian and English.

### Program Committee

The Program Committee comprises renowned scholars and industry leaders with diverse expertise in Artificial Intelligence, medicine, and ethics. The committee is chaired by Prof. Dr. Matjaž Gams and Dr. Monika Simjanoska Misheva.

For more detailed information about the conference agenda, registration, and paper submission process, please visit the official IS website at <http://is.ijs.si>. Specific inquiries can be directed to [is@ijs.si](mailto:is@ijs.si).

### IS Conference Presidents:

Matjaž Gams, Monika Simjanoska Misheva, Stevo Lukić, Franz Wotawa

**Contact Person:** Žiga Kolar, [ziga.kolar@ijs.si](mailto:ziga.kolar@ijs.si)

### IS Conference Organizing Committee:

Matjaž Gams, Chairman, Mitja Luštrek, Lana Zemljak, Vesna Koricki, Mitja Lasič, Blaž Mahnič, Žiga Kolar, Katarina Trobevšek

### In Collaboration with:



"Ss. Cyril and Methodius" University in Skopje  
FACULTY OF COMPUTER  
SCIENCE AND ENGINEERING



### Supported by:



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ChatMED: Bridging Research Institutions to Catalyze Generative AI  
Adoption by the Health Sector in the Widening Countries



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Additional information is available on the website <https://is.ijs.si>, e-mail [is@ijs.si](mailto:is@ijs.si) and tel.no.: 01 477 36 44

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