

AIMED – Artificial Intelligence in Medicine

A lecture series for healthcare professionals

1. Introduction

The rapid development of artificial intelligence (AI) has the potential to fundamentally change many areas of medicine: from diagnostics to treatment planning, from administration to clinical decision support. This transformation primarily affects the people in the system: including doctors, nurses, medical-technical assistants, health informatics specialists, and healthcare managers.

The AIMED (Artificial Intelligence in Medicine) project sees itself as a contribution to ensuring the long-term quality and ability of the Swiss healthcare system to act. In a series of lectures in hospitals, clinics, cantonal and private health institutions, as well as health and vocational training centers (including private companies active in the health sector) throughout Switzerland, we want to support medical professionals in better understanding and critically reflecting on developments in the field of AI and finding new training paths.

2. Relevance

The integration of AI into everyday medical practice is a social task. Institutions that promote knowledge and facilitate dialogue help to ensure that health care remains humane, competent, and sustainable in the future.

3. Our offer

As a university of applied sciences, we bring both technical expertise and experience in the comprehensible, practical teaching of complex content. We offer healthcare professionals a well-founded, realistic and independent perspective on

the interplay between artificial intelligence, clinical practice and ethical frameworks, beyond hype or blind faith in technology. The events are designed to encourage reflection, address questions, and motivate further engagement with the topic.

What we offer:

- A 90-minute lecture/talk held by experts from the Lucerne University of Applied Sciences and Arts and other universities with experience in AI and medicine.
- A small aperitif afterwards, which promotes informal exchange.
- Information material in several languages, (depending on the region and needs).

4. Your Involvement

In order to implement this project effectively, we depend on cooperation with committed health care institutions. The lectures thrive on taking place directly on site, where the specialist staff works and the questions about the application of AI are directly relevant. As a host institution, you will help to ensure that knowledge is accessible, and that professional dialogue within your institution is strengthened.

How to Participate:

- Providing a room in your institution.
- Your support in communicating the event (e.g. via internal channels, news or newsletters) so that as many interested parties as possible can be reached.

5. Taking responsibility together

AIMED is a public education project. It is supported by the Lucerne University of Applied Sciences and Arts and is not offered commercially. The aim is to strengthen the exchange between research, medical practice and society – in the sense of sustainable, high-quality healthcare in Switzerland.

We look forward to you becoming part of this project.

6. Contact

Prof. Dr. Umberto Michelucci
Hochschule Luzern – Informatik
umberto.michelucci@hslu.ch
+41 41 349 31 44

Prof. Dr. Aygul Zagidullina
Hochschule Luzern – Informatik
aygul.zagidullina@hslu.ch
+41 41 349 31 41