

Hinweis: Vortrag «AI and the Future of Medicine»

Audimax Universität Bern, Hauptgebäude der Universität (HG), Hochschulstrasse 4, 3012 Bern

31.10.2024, 18:00 - 19:30 Uhr

Tumorzentrum Bern

Mensch in digitaler Transformation – Eine Vortragsreihe der Universität Bern

Artificial Intelligence and the Future of Medicine

(This Talk will be held in English) Over the last decade, Artificial Intelligence (AI) and Machine Learning (ML) techniques have led to significant advances across many areas of society. Recently, deep learning has emerged as a particularly powerful approach for solving different tasks across many application domains, including in medicine and healthcare. This talk will focus on discussing the potential for AI for the personalised diagnosis and prognosis of diseases as well as the prediction of treatment response. In particular, I will show how AI has already transformed the acquisition, analysis and interpretation of radiological images and how large-scale AI models (so-called foundation models or large language models) can also transform other areas in medicine and healthcare. Furthermore, we will discuss how AI solutions can preserve privacy while also providing trustworthy and explainable solutions for clinicians.

Referent

[Prof. Dr. Daniel Rückert, Technical University of Munich](#)

Anmeldung

öffentlich, kostenlos