

Standalone Module CAS AI

# Applications of Artificial Intelligence

5th & 6th May 2022, online

sitem-insel School for Translational Medicine and Biomedical Entrepreneurship



# Course Overview

Module leaders: Prof. Dr. Roland Wiest and Prof. Dr. Hendrik von Tengg-Kobligh, Inselspital

AI has enormous potential for medicine, which is why it is increasingly indispensable that medical doctors and other health professionals know how intelligent tools work and how to use them. In this standalone module you learn from renowned experts from academia and industry about the importance and potential of using AI in a medical context.

## Learning Objectives

With a focus on medical imaging, participants learn the quality criteria to select AI-supported image interpretation technology in domains of radiology, neuroradiology & nuclear medicine, get to know the types of AI-supported image interpretation technology and implementation requirements as well as the integration into clinically approved workflows and efficacy and revenue policies.

## Program & additional information

The course is split in two days. On day one, participants will receive first-hand insight from experts from academia (computer scientists, engineers, medical doctors). On day two, experts from the industry will share their experience in the application of AI. As final exam, participants will be asked to individually submit two reports, which will be assessed. The course is held fully online and in English.

## Start & Duration

5th May 2022, 08.30 – 17.45, video-conference  
6th May 2022, 09.00 – 16.45, video-conference  
Final exam submission deadline: 6th June 2022

## Credits & Fee

The University of Bern grants 2 ECTS for this course. The fee for this standalone module is CHF 1'600.—

## Admission Requirements

The admission requirements are those of the University of Bern. Required is a completed study program in medicine, professional experiences as a medical doctor and basic knowledge in the handling of medical image data sets. Admission "sur Dossier" by the study commission is possible.

## Registration and Contact

Do you have further questions? We are happy to help. Please contact Dr. Rafaela da Silva at [school@sitem.unibe.ch](mailto:school@sitem.unibe.ch). The registration deadline is 1st May 2022.

[www.sitem-insel.ch](http://www.sitem-insel.ch) | <https://www.sitem.unibe.ch/>

