



# CAIM

CENTER FOR ARTIFICIAL INTELLIGENCE IN MEDICINE

## Spring 2021

Welcome to the first CAIM Update! It is designed to give you a brief overview of what happened over the past months, enabling you to catch up on the latest news.

### \_About

#### **Official CAIM Opening (March 2021)**

The virtual opening event with 500 registered participants offered insights into pivotal topics and current research projects on AI in Medicine.

[Event Program](#) / [Event Video Recordings](#)

[Media Release University of Bern](#)

**Video:** [Welcome to the Center for AI in Medicine](#)

**In depth:** [CAIM Info Pack](#)

#### **CAIM launches Embedded Ethics Lab (March 2021)**

To support the activities of its four pillars “Digitalization & AI Education”, “Network & Dissemination”, “Computational Infrastructure” and “Research Project Fund”, the Embedded Ethics Lab was formed as an integral part of CAIM. It unites experts in ethics, policy and law to provide guidance on ethical questions surrounding AI application in medicine.

[CAIM Organization](#)

**In depth:** [Interview with Medical Ethicist, Rouven Porz](#)

#### **Bern Data Science Day Established (April/May 2021)**

The first Bern Data Science Day took place in April 2021 as a joint initiative of the Science IT Support, at the Phil.-nat Faculty and the ARTORG Center, Faculty of Medicine, University of Bern. With close to 200 researchers from the fields of data science, machine learning and AI – many of them in medicine – the event was so successful that it will now be held annually.

[Website Bern Data Science Day](#)

**In depth:** [News Report on the first Bern Data Science Day](#)

### \_Education

#### **New Master program AI in Medicine (March 2021)**

Fundamental and applied AI courses enable students to apply this knowledge to design, develop and evaluate intelligent systems across the medical and clinical lifecycle. The two-year program in English features rotations in several departments of the Inselspital, Bern University Hospital, to get a first-hand insight into different medical specialties.

[MSc AIM Website](#) / [Flyer](#)

**In depth:** All educational offers at [caim.unibe.ch/education](https://caim.unibe.ch/education)

## \_Research

### **Efficient Treatment of Stroke with AI and Federated Learning**

[Project Announcement, Insel Gruppe, 9 March 2021](#)

### **Using AI to Assess Surgical Performance**

[Media release, Insel Gruppe, 12 March 2021](#)

### **Space Technology in the Operating Theater**

[UniAktuell article, University of Bern, 12 May 2021](#)

### **AI could soon tell you, how often to see the Eye Doctor**

[Media release, Insel Gruppe, 8 June 2021](#)

**In depth:** Find all CAIM research news at [caim.unibe.ch/news](https://caim.unibe.ch/news)

## \_Featured

**Interview** with **Raphael Sznitman**, University of Bern, on how sparks and grit make AI succeed in healthcare.

**Researcher Video** of **Stefan Klöppel**, Bern University Psychiatry Services, who sees potential in sensor technologies to improve the care of psychiatric in-patients.

**CAIM Commercial Partnerships Flyer**, including a **Case Study on Varian Medical Systems** on using AI for faster and better routes to treat brain tumors.

**In depth:** Meet our researchers and AI in Medicine experts at [caim.unibe.ch/people](https://caim.unibe.ch/people)

## \_Events

### **2<sup>nd</sup> Swiss Tele Emergency Medicine Congress (April 2021)**

The digital event on Tele Emergency Medicine & Digital Health featured blocks on education and training and on future perspectives.

[Event Program](#) / [Event Video Recordings](#)

### **Biomedical Engineering Day 2021 (May 2021)**

First virtual edition of the traditional Bern BME Day, organized by the MSc program of the University of Bern and Bern University of Applied Sciences, including Master study options in Bern, an interactive coffee break, research and industry booths and a live surgery.

[Event Information](#) / [MSc BME Website](#)

**In depth:** All CAIM-related events at [caim.unibe.ch/events](https://caim.unibe.ch/events)

Stay tuned!

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