



CAIM

CENTER FOR ARTIFICIAL INTELLIGENCE IN MEDICINE

Spring & Summer 2022

Great to have you back after your summer holidays for more news on CAIM! Find a summary of what happened over the last months and a preview of two very important events for us in the fall: our interactive exhibition at the University of Bern Researchers' Night (10 September) and our CAIM Research Symposium 2022 (24 November). So, save the dates and enjoy reading!

_About

CAIM supports Ukrainian scientists (March 2022)

Our center supports scientists from Ukraine in these difficult times. Following the measures and call from the Swiss National Science Foundation to help Ukrainian researchers as well as the University of Bern's initiative to solidarize with Ukraine and its universities, CAIM calls its members and partners to reach out and proactively seek ways to help our colleagues.

Contact info.caim@unibe.ch with ideas or requests for support.

Inti Zlobec elected Digital Pathology Professor (April 2022)

The University of Bern has elected Inti Zlobec as Professor of Digital Pathology. The position is one of several new professorships in the field of artificial intelligence and digitalization in medicine that have been created as part of a new research focus in this area.

[About Inti Zlobec](#) / [Research group digital pathology](#)

Launch of DAIM – Diversity for AI in Medicine (May 2022)

CAIM launched an initiative for diversity and inclusion in AI research for healthcare in spring 2022 with a keynote lecture by the renowned robotics specialist Prof. Franziska Mathis-Ullrich. CAIM aims to strengthen diverse viewpoints in AI research for healthcare, encouraging both female and minority researchers to embark on an AI in medicine career and combatting biases in AI algorithm development.

[More on the initiative](#) / [Program DAIM Launch](#)

In depth: Check out the new [Quick Links](#) on our website.

_Education

Master AI in Medicine celebrates its first anniversary (August 2022)

The first students of the MSc program "Artificial Intelligence in Medicine" have completed their first year of the program with courses in fundamentals and applications of AI in Medicine. In the translational focus course "Introduction to Clinics" students were introduced to twelve clinical disciplines in collaboration with the Inselspital, Bern University Hospital and the Bern University Psychiatry Services, UPD. Late registration for the fall semester 2022 ends 31 August.

[Annual Report MSc AIM, Medical Faculty](#) / [MSc AIM website](#)

_Research

Here is a non-exhaustive selection of recent Bern Medical Hub research papers:

- Cardiology:** AI enables personalized treatment of myocarditis [read the study](#)
Infectiology: Bayesian prevalence estimation nosocomial outbreak [read the study](#)
Hospital Care: Hypo and hyperglycemia prediction [read the study](#)
Neuroscience: Strange dreams help your brain learn better [read the study](#)
Physiology: Cortical oscillations in neural networks [read the study](#)
Urology: Predicting urinary infection with AI [read the study](#)

AI in Medicine project starts:

- Hospital Care:** ARTORG Center to develop digital care assistant with QUMEA
Diabetes Care: European AI for diabetes project MELISSA launched [project info](#)

_Featured

- Interview** [Tanja Birrenbach](#), Emergency Physician & Head of VR Training, Inselspital.
Interview [Wilhelm Wimmer](#) in dezibel on AI enhanced hearing aids.
Reportage Swiss television visits the [NeuroTec research loft](#) on sleep research.
Young researchers: [Ana Leni Frei](#), Digital Pathology / [Esther Brill](#), Old Age Psychiatry.
1 Year CAIM: [Recap video](#) & [interview](#) in Netzwoche by CAIM Director Raphael Sznitman.

_Events

CAIM participates in AI Med Summit (25 May 2022)

Just a year old, CAIM was nominated as "Best Hospital/Institution of the Year" at the AI Med Summit 2022 in San Francisco, USA. Our center was honored to present its activities to renowned AI research institutions and industry from around the world. Even without the win our nomination inspires us for further excellence. [AI Med Summit 2022 highlights](#)

CAIM at University of Bern Researchers' Night (10 September 2022)

Our Center will present itself for the first time to the broader public with an interactive discovery trip about Artificial Intelligence: What it does and how it is applied today and tomorrow in healthcare, as well ethical aspects. [Program Researchers' Night 2022](#)

CAIM Research Symposium 2022 (24 November 2022)

Hear updates on the CAIM funded research projects and be inspired by invited keynote speakers on AI for medicine chances and challenges! The symposium will also introduce you to our Ethics Lab and our Diversity Initiative DAIM, allow for networking with other researchers and present the first CAIM research awards. [More information to follow soon!](#)

Stay tuned!

linkedin.com/company/center-for-ai-in-medicine
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