Center for AI in Medicine
Shaping the Digital Future of Healthcare

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UNIVERSITY OF BERN
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BERN UNIVERSITY PSYCHIATRY SERVICES
SWISS INSTITUTE FOR TRANSLATIONAL AND ENTREPRENEURIAL MEDICINE
Education
CAIM provides tailored AI in Medicine education for medical doctors and engineers through a portfolio of competitive and purposefully designed programs.
› Stavroula Mougikakou
   ARTORG Center, University of Bern
› Roland Wiest
   Inselspital, Bern University Hospital

Dissemination
CAIM transmits trustworthy knowledge on AI in Medicine. This supports policymakers, educators and the general public by shaping current debates.
› Mauricio Reyes
   ARTORG Center, University of Bern

Infrastructure
CAIM facilitates access and availability to computer infrastructure, computational and data resources to support advanced digitalisation and AI research.
› Alexander Leichtle
   Inselspital, Bern University Hospital

Research Fund
CAIM promotes technological innovation by funding projects with strong clinical breakthrough potential and a realistic pathway towards patient benefit.
› Kuangyu Shi
   Inselspital, Bern University Hospital
› Inti Zlobec
   Institute of Pathology, University of Bern
CAIM Services

- Consultancy
- Rapid Validation
- Research Collaboration
- Computational Resources
- Talent Recruitment
- Secondments
- Clinical Translation
- Optimized IP Pipeline
Discover our work and community

- AI could soon tell you, how often to see the eye doctor
- AI X-ray analysis detects Covid-19 more reliably
- Machine Ethics and Explainable AI
- AI and the world’s fastest whole-body PET/CT scanner
- AI for quality assurance in radiation therapy planning: Project funded
- Using AI to assess surgical performance
- Reliably predicting progression of Covid-19
- Artificial Intelligence meets Nutrition
  “I believe that multidisciplinary work is fundamental to create a complete system that meets user needs,” says Marios Vasiloglou, PhD student at the ARTORG AI in Health and Nutrition (AIHN) lab. In an interview with...
- Unlocking the Potential of Nuclear Medicine
- AI improves speech quality for hearing aid users
- AI-assisted personalized radiotherapy
- Exploring ethical possibilities in a new space
  Why do I trust my smartphone but not AI with my health? Rouven Porz is medical ethicist at the Inselspital.
- Al in Medicine - What Doctors need to know
...and many more
7 September 2021
Center for AI in Medicine:
Shaping the Digital Future of Healthcare
Mauricio Reyes

8 September 2021
Research at CAIM:
Translating AI into the Clinic
Inti Zlobec
Decision Support Neuro-Medicine
Roland Wiest

9 September 2021
CAIM’s master’s programs:
AI in Medicine & Biomedical Engineering (@ARTORG)
Stavroula Mougiakakou

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