

Multiple postdoctoral positions in Machine Learning and Medical Imaging

The [Artificial Intelligence in Medical Imaging \(AIMI\)](#) lab at the University of Bern's ARTORG Center for Biomedical Engineering Research invites applications from research scientists and engineers with a strong background in machine learning and computer vision to work on innovative methods in the domains for surgical vision, surgical data science and biomedical image computing.

We are looking for enthusiastic candidates with excellent technical skills and track record (*i.e.*, publications at top journals and conferences) to join our research group. We require outstanding researchers with in-depth technical skills in programming, deep learning, machine learning and computer vision. Candidates who have experience in working with image-guided surgery and visualization of data are of particular interest but is not mandatory. Candidates will be expected to create new state-of-the-art machine learning methods for applications in surgical vision.

The AIMI lab offers a creative and international environment to conduct competitive research in an interdisciplinary team. Strongly linked to the Bern University Hospital (Inselspital), the AIMI lab strives to provide a coherent and holistic view of how AI in healthcare can benefit patients, by designing and developing fundamental and translation research.

About the University of Bern

The [University of Bern](#) is located at the heart of Switzerland. Internationally connected and regionally anchored, the University of Bern cultivates exchange with society and strengthens partnerships between science, medicine business, and politics. The University of Bern is committed to a deliberate and ethical responsibility towards people, animate and inanimate nature. It strives as an important educator, promoting enterprise and industry in the region and beyond, and distinguishes itself through problem-oriented research into questions of pressing social relevance.

The University of Bern is an equal opportunity employer and strives to increase the number of women at all levels in its faculties.

More about the positions

Salaries for post-doctoral fellows start at CHF 81,000 per year and typically increase on a per-annum basis. The exact amount is determined by the University's department of Human Resources.

The positions are funded for a 1-year period at first with the possibility to extend to 3 years thereafter. The start date is expected to be in the March-May 2021 period (flexible start dates possible).

Strong communication skills in English are required, as it is the working language of the ARTORG center. Free German courses are available for those wishing to learn. There are no associated teaching duties, but opportunities are possible for those interested.

Application deadline

Applications will be accepted until the positions are filled.

To apply

Applications should be emailed to Prof. Dr. Raphael Sznitman (raphael.sznitman@artorg.unibe.ch) with the subject "[OPPP-09] Postdoc position". Contained must be a [research statement](#), [CV](#), [list of publications](#) and the contact information of [three reference persons](#).