

University of Geneva
Faculty of Medicine
Department of Fundamental Neuroscience

Dr. Tomislav Milekovic, PhD
Campus Biotech, 9 chemin des Mines
CH-1202 Genève
Tel. +41 22 379 4203
e-mail: tomislav.milekovic@unige.ch



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DE MÉDECINE

Geneva, 13 March 2018

POSTDOCTORAL POSITION IN APPLIED COMPUTATIONAL NEUROPHYSIOLOGY

The lab of Prof. Michel at the University of Geneva is offering a postdoctoral position financed by the Wyss Center for Bio and Neuroengineering for up to two years. The successfully candidate will work on:

1. Analysis of intracortical microelectrode and ECoG recordings of people with paralysis and non-human primate models of neurological injuries and disorders.
2. Leveraging the gained knowledge to develop and advance methods for brain-controlled neuroprostheses.

The successful applicant will be supervised by Dr. Tomislav Milekovic, a junior group leader under the senior supervision of Prof. Christoph Michel.

The ideal candidate will have:

1. Background in computational/theoretical neuroscience, physics or mathematics
2. Experience in the quantitative analysis of electrophysiological neural signals (EEG, ECoG, LFP, spikes)
3. Expertise in development and testing of data processing and decoding computational algorithms for brain-computer interfaces
4. Experience in using computer clusters
5. Experience in Matlab

The qualified candidate will benefit from joining a very dynamic and multidisciplinary group working at the interface of neuroscience, engineering and prosthetics. They will collaborate with several labs of the newly founded Campus Biotech in Geneva, and be strongly supported by the Wyss center for Bio and Neuroengineering led by Prof. John Donoghue. University of Geneva provides state-of-the-art facilities is one of the leading technical universities worldwide. In addition, University of Geneva offers competitive postdoctoral salaries ranking amongst the highest in the world.

Applications including a CV, statement of research interests, and the names and full contact details of two referees should be sent to tomislav.milekovic@unige.ch.

Sincerely

Dr. Tomislav Milekovic