The Laboratory of Psychophysics at the École polytechnique fédérale de Lausanne (EPFL, Switzerland), is looking for an excellent, highly motivated candidate for a 4-year Ph.D position focusing on “Serial Dependence in Perception and Decision-Making”.

The project is coordinated by Dr. David Pascucci and funded by an Ambizione grant from the Swiss National Science Foundation (SNSF). The successful candidate will work in the lab of Prof. Michael Herzog with periods abroad at the University of Iceland, Reykjavík, in collaboration with Prof. Árni Kristjánsson.

The position will focus on the effects that prior cognitive and neural processes exert on current perception, in both healthy individuals and schizophrenic patients. The research will leverage on state-of-the-art psychophysical and neuroimaging methods, including Inverted Encoding modeling of fMRI/EEG data, EEG source imaging, and Granger-causal modeling.

The following are the ideal requirements for the candidate:

- Highly qualified M.S. in Cognitive science, Neuroscience, Biomedical/Bio engineering and related areas;
- Solid mathematical and signal processing background;
- Experience in programming and statistical analyses (Matlab, R);
- Proficiency in English (verbal and written communication);

Located on the shores of Lake Geneva, EPFL is one of the leading universities in Europe (ranked among the top 15 by the QS World University Rankings). The Ph.D salary is approximately 3500 CHF/month after taxes.

Applications should be submitted online through the form [http://phd.epfl.ch/application](http://phd.epfl.ch/application). Deadline 15.11.2018.

Expressions of interest are most welcome [david.pascucci@unifr.ch; michael.herzog@epfl.ch].