



The Swiss Distance University of Applied Sciences (FFHS), offers business Bachelor-. Master- as well as continuing education courses according to the blended learning method.

Since autumn 2016, she has been running the UNESCO Chair on Personalized and Adaptive Distance Education located in Brig (Switzerland). Its research group develops technology-based learning designs and investigates relationships the connections to their implementation in Switzerland and on the African continent. The two main research areas, adaptive instruction design and emotions, reading and learning, are the bases therefore. More information can be found on [ifel.ch](http://ifel.ch).

To enhance our team we are offering an

### **Internship (80%-100%) at the UNESCO chair for personalised and adaptive distance education**

in Brig, starting in June (duration 4 months).

We are looking for a student (preferably doing their Masters studies) to assist us in the project “neurological parameters for adaptive learning (NePaL)”. In the current part of our project we are interested in detecting emotions and emotional changes with physiological sensors (for electro dermal activity and pulse) but also facial recordings analysed through an automated facial action coding system (FACS). At the moment we are comparing the results obtained from these two measurement methods to determine if they are as accurate on their own or if there is a merit in combining these measurements.

#### **Tasks:**

- Assist the project management in data editing and data analysis
- Literature search regarding applied measurement methods and the validation their off
- Formulation of further hypotheses

#### **We expect:**

- Master (ongoing) in Psychology, Media-sciences, Computer Science/ Data Science or another scientific subject.
- Good English knowledge
- Experience in literature search
- Basic theoretic and methodological understanding of statistic and research methods
- Knowledge and experience in analysis of empirical data or large datasets e.g. in R (desired)

#### **We offer:**

A direct insight in actual research. You will have the opportunity to work on a current research project. It is desired, that you include your own ideas and hypotheses which in turn can possibly lead to a further project i.e. a Master's project.

For further information please contact Prof. Dr. Per Bergamin, chair holder: Tel. +41 27 922 39 50 / [per.bergamin@ffhs.ch](mailto:per.bergamin@ffhs.ch).

We are looking forward to receiving your application with letter of motivation (incl. experience), cv and documents to your qualifications by the 15th of April 2017 at [personal@ffhs.ch](mailto:personal@ffhs.ch).