PhD position in virtual reality and neuroimaging in humans

A PhD position is available to investigate human emotional and behavioral reactivity to stressful challenges using virtual reality (VR) and neuroimaging approaches. Neuroimaging will include one or several of the following techniques: EEG, fMRI, MRS. Physiological responses, including autonomic nervous system and salivary hormones, will also be evaluated.

The project will be carried out in the Laboratory of Behavioral Genetics at the Brain Mind Institute of the Ecole Polytechnique Federale de Lausanne (EPFL) under the supervision of Prof. Carmen Sandi. The selected candidates will join the EPDL-EDNE Doctorate program. The Brain Mind Institute (https://www.epfl.ch/schools/sv/bmi) at the EPFL is a multicultural and dynamic academic environment.

Applicants should have a Master degree (M.Sc. or equivalent graduation) in life sciences, physics or related areas. Previous experience in at least one of the above indicated techniques and approaches, analysis of imaging data, and coding in Matlab, are desirable.

Interested applicants should submit their application through the EPFL-EDNE Doctorate program website (https://phd.epfl.ch/neuroscience-openings) before 15th April 2019. Short-listed candidates will be invited to interviews in Lausanne on 19-21 June 2019. Positions will start on the following months for a duration of 4 years.