Postdoctoral position in EEG-based coma outcome prediction

Applications are invited for a postdoc position at the Laboratoire de Recherche en Neuroimagerie (LREN) financed by the Eurostars project ‘ComAlert’ in collaboration with g.tec (http://www.gtec.at/). The position is under the supervision of Dr Marzia De Lucia and in close collaboration with the Neurology service and the Department of Intensive Care Medicine at the Lausanne University Hospital (CHUV).

The project aims at developing EEG based tests for outcome prediction in comatose patients and to assess the degree of preserved cognitive functions during acute coma and during later stages of disorders of consciousness. This project takes advantage of sophisticated software and hardware solution provided by gtec and specifically targeted for their application in the intensive care environment.

The LREN provides an excellent multidisciplinary and interactive research environment combining expertise in functional magnetic resonance imaging, electroencephalography and neuroimaging methods development.

The ideal candidate should have a PhD in Neuroscience, Life Science, Biomedical Engineering or related areas. Prior experience with EEG, programming skills and proficiency in English and in French are advantageous.

The position is available from the 1st of July 2017 till June 2019. The salaries are in accordance with the Swiss Public service regulations.

Applications including a CV, a statement of research interests and the name and full contact details of two referees should be sent to:

delucia.marzia@gmail.com