Call for postdoc applications in affective computing (Grenoble Alps University)

Summary
The Grenoble Alps University has an open position for a highly motivated postdoc researcher. The successful candidate will be working on the multi-disciplinary research project THERADIA, which aims at creating an adaptative virtual assistant that accompanies patients suffering from cognitive disorders during the completion of cognitive remediation exercises at home. The person recruited will have the exciting opportunity to develop new machine learning techniques for the robust detection of affective behaviours from audiovisual data collected in-the-wild. Models will be embodied in the virtual agent to monitor and adapt the interaction with the patient, and the whole system will be further tested in a clinical trial to demonstrate the effectiveness of the agent for accompanying patients suffering from cognitive conditions during digital therapies.

Duration: 2 years, **Salary:** according to experience (up to 4142€ / month)

Scientific environment
The person recruited will be hosted within the GETALP team of the Laboratoire d'Informatique de Grenoble (LIG), which offers a dynamic, international, and stimulating framework for conducting high-level multi-disciplinary research. The GETALP team is housed in a modern building (IMAG) located on a 175-hectare landscaped campus that was ranked as the eighth most beautiful campus in Europe by Times Higher Education magazine in 2018.

Requirements
The ideal candidate must have a PhD degree and a strong background in machine learning, and affective computing or cognitive science/neuroscience.

The successful candidate should have:
- Good knowledge of machine learning techniques
- Good knowledge of speech and image processing
- Good knowledge of experimental design and statistics
- Strong programming skills in Python
- Excellent publication record
- Willing to work in multi-disciplinary and international teams
- Good communication skills

Application
Applications are expected to be received on an ongoing basis and the position will be open until filled. Applications should be sent to Fabien Ringeval (fabien.ringeval@imag.fr) and François Portet (francois.portet@imag.fr). The application file should contain:

- Curriculum vitae
- Recommendation letter
- One-page summary of research background and interests
- At least three publications demonstrating expertise in the aforementioned areas
- Pre-defence reports and defence minutes; or summary of the thesis with date of defence for those currently in doctoral studies