

## Jobs / Job post



# Postdoctoral Position - Machine Learning for Facial Image Analysis

PostDoc Position

Posted on 14 Feb 2017

[École Polytechnique Fédérale de Lausanne](#)

Switzerland, Lausanne

[3 Job openings at this institution](#)

[https://www.researchgate.net/job/885081\\_Post-doctoral\\_position\\_in\\_Machine\\_Learning\\_for\\_Facial\\_Image\\_Analysis](https://www.researchgate.net/job/885081_Post-doctoral_position_in_Machine_Learning_for_Facial_Image_Analysis)

## JOB DESCRIPTION

The Signal Processing Laboratory (LTS5) at EPFL (Lausanne, Switzerland) is recruiting an outstanding postdoctoral researcher to work on **Machine Learning for Facial Image Analysis**.

Lead by Prof. Jean-Philippe Thiran, the LTS5 develops leading edge research in image analysis and computer vision, with a particular emphasis on facial image analysis, including 3D face reconstruction, facial expression recognition, lip-reading, eye tracking, etc. in close collaboration with the Istanbul Technical University (Prof. Hazim Kemal Ekenel).

In the context of several industrial collaborations and of a large H2020 EU project dedicated to Advanced Driver Assistance Systems (Project ADAS&ME - <http://www.adasandme.com>), we have an open position for a postdoctoral research specialized in machine learning and facial expression recognition. Research will be primarily oriented towards developing innovative machine learning methods for personalized facial expression recognition.

### Details:

- The position is for at least 2 years (1 year contract, renewable). EPFL offers attractive salaries, based on experience and excellence criteria
- Post-doc fellows of exceptional caliber may also be granted responsibility for co-supervising a PhD student on a subject related to their research
- Starting date is anytime between April 1 and October 1, 2017, with preference for an early start

### How to apply:

Full applications and informal inquiries should be sent to Prof. Jean-Philippe Thiran by email by clicking on the "**Apply for this job**" button.

Full applications must be in the form of a single pdf file including: a motivation letter describing your research interests and your match to the advertised position, your CV and publication list, and names and email address of 3 references. Screening of candidates will start in March 2017.

## DESIRED SKILLS AND EXPERIENCE

- Candidates will have an outstanding profile and hold, or be about to finish, a PhD in electrical engineering, applied mathematics, computer science or a related area

- Strong competences in image processing and machine learning are required, including deep learning, model adaptation, face reconstruction and analysis
- Good programming skills (C++ or equivalent) are required

## ABOUT THE EMPLOYER

The Ecole Polytechnique Fédérale de Lausanne (EPFL - <http://www.epfl.ch/index.en.html>) is an internationally top-ranked scientific research and educational institution on the shores of Lake Geneva, Switzerland. As one of two Swiss Federal Institutes of Technology, its trajectory over the past four decades is unparalleled—taking the lead in emerging fields of research such as bioengineering, signal processing and energy / transportation technology.

Under the leadership of Professor Jean-Philippe Thiran, the [Signal Processing Laboratory \(LTS5\)](#) of EPFL counts some 30 researchers, both PhD students and post-docs, conducting leading edge research in different domains of signal/image analysis and computer vision, including data acquisition and reconstruction, object detection, recognition and tracking, behavioral models in image analysis, facial image analysis, medical and remote sensing imaging.

[Apply for this job](#) 23 days left to apply