

## Opening of a Postdoc position in Statistical Learning with applications to Computer Vision

@Imagine Team of LIRIS lab, Ecole Centrale de Lyon

A 1-year post-doctoral position (with possible renewal) is opened on statistical learning with applications to computer vision within the Imagine team, [LIRIS lab](#) at [Ecole Centrale de Lyon](#).

### Background

The Imagine team at LIRIS has been working on face biometrics and image/video classification with longstanding track records. They were awarded the first performance at the SHREC 2011 contest for 3D face recognition and retrieval. In 2012, they took part to the ImageCLEF 2012 photo annotation challenge and won the golden medal in terms of three different performance metrics over 80 submissions from 18 groups coming from 11 different countries. Within this context, the Imagine team is willing to go beyond and develop new frontiers within these fields.

### Profile

We are seeking a highly motivated postdoctoral fellow! Curiosity, open-mind, creativity, persistence, and collaborative-work ability are the key personal skills we target. A Ph.D. in applied mathematics or computer science is required, with demonstrated experience and a high quality publication record on one or several of the following topics:

- statistical learning, machine learning (e.g. sparse representation, structured learning),
- computer vision

The successful candidate should have advanced programming skills (C/C++, Matlab) with experience. A solid background in mathematics is required (with optional knowledge in computer vision). While fluency in French is not required, fluency in English is mandatory. Both beginning and more senior postdoctoral candidates are encouraged to apply.

### Environment

The successful candidate will work in direct collaboration with researchers having an established expertise in face biometrics and image/video classification and object recognition. Ecole Centrale de Lyon is part of the top ten engineering schools in France (Grande Ecoles), part of the elite of "Grande Ecoles" offering access to excellent quality graduate and under-graduate students.

The LIRIS lab is a large CNRS supported laboratory federating research groups in computer science from 4 universities in Lyon, namely Université Claude Bernard, Université Lumières, INSA de Lyon and Ecole Centrale de Lyon. It offers a unique environment where innovative, multidisciplinary, foundational and applied research is conducted on topics ranging from management of data, knowledge and services, to image processing and analysis, modeling, simulation and rendering.

The Postdoc position offers full health, unemployment and retirement benefits and competitive salary. The candidate will be given the opportunity to develop his/her research skills and experience, to contribute if desired to the acquisition of new funding and to the development of cutting edge machine learning-based image and video analysis and recognition techniques, with possible teaching opportunities as well as student mentoring.

### Application

Applications should include a curriculum vita, brief statements of research interests, a link to the Ph.D. thesis, and the names of at least three references. Candidates are requested to ask references to send their letters directly by email.

Applications and letters should be sent via electronic mail to:

- Pr. Liming Chen ([liming.chen@ec-lyon.fr](mailto:liming.chen@ec-lyon.fr) )
- Dr. Emmanuel Dellandréa ([emmanuel.dellandrea@ec-lyon.fr](mailto:emmanuel.dellandrea@ec-lyon.fr) )

The deadline for the application submission is set to **November, 18, 2012** for a preferred start date in December 2012.