Faculty position (Full professor) at Telecom ParisTech on Audio/Speech/Music Signal Processing

Important Dates
- February 28th, 2018: closing date
- Mid April: hearings of preselected candidates

Telecom ParisTech’s [1] audio data analysis and signal processing team (ADASP) [3] and its machine learning, statistics and signal processing group (a.k.a S²A group) [2], within the laboratoire de traitement et communication de l’information (LTCI) [5], are inviting applications for a permanent (indefinite tenure) faculty position at the *Full Professor* level in *Audio/Speech/Music signal processing*.

Main missions

The recruit will be expected to:

Research activities
- Develop groundbreaking research in the field of audio signal processing, especially music information retrieval and machine listening, including (but not limited to) music, speech and environmental sound analysis and interpretation, signal transformation, denoising, source enhancement and separation, dereverberation… as well as audio/speech synthesis
- Develop both academic and industrial collaborations in the same field, including collaborative activities with other Telecom ParisTech research departments and teams, and research contracts with industrial players
- Set up research grants and take part in national and international collaborative research projects

Teaching activities
- Participate in teaching activities at Telecom ParisTech and its partner academic institutions (as part of joint Master programs), especially in machine learning and signal processing, including life-long training programs (e.g. the local Data Scientist certificate)

Impact
- Publish high quality research work in leading journals and conferences
- Be an active member of the research community (serving in scientific committees and boards, organizing seminars, workshops, special sessions...)

Candidate profile

As a minimum requirement, the successful candidate will have:
• A PhD degree (a “habilitation” degree is a bonus but is not required)
• A significant track record of *high impact* research and publication in one or more of the following areas: audio signal processing, music information retrieval, machine listening
• Experience in teaching
• Good command of English

The ideal candidate will also (optionally) have:
• Experience in machine learning

*NOTE:*
The candidate does *not* need to speak French to apply, just to be willing to learn the language (teaching will be mostly given in English)

Other skills expected include:
• Experience in coordination of collaborative research projects
• Experience in PhD project supervision
• Excellent pedagogical skills

**More about the position**
• Place of work: Paris until 2019, then Saclay (Paris outskirts)
• For more information about being a Professor at Telecom ParisTech, check [6] (in French)

**How to apply**
Applications are to be sent by e-mail to: recrutement@telecom-paristech.fr

The application should include:
• A complete and detailed curriculum vitae
• A letter of motivation
• A document detailing past activities of the candidate in teaching and research: the two types of activities will be described with the same level of detail and rigor.
• The texts of the main publications
• The names and addresses of three referees
• A short teaching project and a research project (maximum 3 pages)

**Contacts:**
Slim Essid (Coordinator of the ADASP team)
Stéphan Clémençon (Head of the S²A group)
Gaël Richard (Head of the IDS department)