Faculty position (Associate professor) at Telecom ParisTech on Deep learning applied to temporal data analysis.

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

Telecom ParisTech’s [1] 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], is inviting applications for a permanent (indefinite tenure) faculty position at the *Associate Professor* level (Maitre de Conferences) in *deep learning applied to temporal data analysis*.

Main missions

The recruit will be expected to:

Research activities
• Develop groundbreaking research in the field of deep learning, with a special emphasis on structured prediction and interactions with probabilistic graphical models, targeting applications to temporal data analysis that are well aligned with the topics of the S²A group [3] and the Images, Data & Signals department [4], which include (and is not restricted to) audio, physiological or video data analysis…
• Develop both academic and industrial collaborations on the same topic, 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 track record of research and publication in one or more of the following areas: machine learning, especially deep learning, signal processing,
• Experience in temporal data analysis problems (sequence prediction, multivariate time series, probabilistic graphical models, recurrent neural networks...)
• Experience in teaching
• Good command of English

The ideal candidate will also (optionally) have:
• Experience in distributed computing environments

**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:
• Capacity to work in a team and develop good relationships with colleagues and peers
• Good writing and pedagogical skills

**More about the position**
• Place of work: Paris until 2019, then Saclay (Paris outskirts)
• For more information about being an Associate 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 two referees
• A short teaching project and a research project (maximum 3 pages)

**Contacts :**
Slim Essid (Coordinator of the ADASP team)
Florence d’Alché-Buc (Professor, Machine Learning)
Stéphan Clémençon (Head of the S²A group)
Gaël Richard (Head of the IDS department)