Faculty position (Associate professor) at Telecom Paris in Applied Mathematics (Probability & Statistics) for Data Science and AI.

Important Dates
• April 10, 2020: closing date
• May, 2020: hearings of preselected candidates

Telecom Paris’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 *Probability and Statistics for Data Science and AI*.

Main missions

The recruit will be expected to:

Research activities
• Develop groundbreaking research in the field of theoretical or applied machine learning, targeting applications 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) statistical learning theory, stochastic optimization, simulation, rare events, time series analysis, spatial statistics, stochastic geometry, random graphs, sequential/reinforcement learning, robust statistics, ….
• Develop both academic and industrial collaborations on the same topic, including collaborative activities with other Telecom Paris 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 Paris and its partner academic institutions (as part of joint Master programs), especially in machine learning and Data science, 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:
  applied probability, statistics, machine learning,
• Experience in teaching
• Good command of English

The ideal candidate will also (optionally) have:
• Experience in temporal data analysis problems (sequence prediction, multivariate time series, probabilistic graphical models, recurrent neural networks...)

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: Palaiseau (Paris outskirts)
• For more information about being an Associate Professor at Telecom Paris, check [6] (in French)

How to apply
Applications are to be sent by e-mail to: recrutement@telecom-paris.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:
Stephan Clémençon (Head of the S²A group) stephan.clemencon@telecom-paris.fr
Gaël Richard (Head of the IDS department) gael.richard@telecom-paris.fr

[5] https://www.ltc.i.telecom-paristech.fr/?lang=en