

Full-time assistant professor in Mathematics, Probability and Statistics

Presentation and context of the position:

TELECOM SudParis is hiring an Assistant Professor in Mathematics, Probability and Statistics whose activities will focus on probability-statistics, with application domains related to statistical signal processing in the broad sense, or to information theory. The strategic objective of the recruitment is to meet the demand for training of specialists in probability-statistics, a field that is growing significantly due to its omnipresence in fast-growing fields such as artificial intelligence, energy and environment.

The candidate's research project will be in the field of probabilistic modelling and statistical processing, with applications in one of the priority areas, which are: Environment and Climate, Energy, AI and Data Science, Networks and Internet of Things, and Numerical Simulation.

The candidate recruited will teach statistics, probability, stochastic processes, automatic learning, core and speciality courses for the School's various teaching programmes (engineering programme, DNM, ...) He/she will participate in the supervision of student projects and PhD theses. He/she will offer Master 2 level courses in his/her field of expertise. Some courses will be delivered in English and in French.

Telecom SudParis (www.telecom-sudparis.eu) is a member of both Institut Polytechnique de Paris (ip-paris.fr) and Institut Mines-Télécom (www.imt.fr). Located both in Evry and Palaiseau, it offers an excellent environment for research and teaching. The candidate will join the "Communications, Images and Information Processing" department (CITI) and will be part of the "Information Processing for Images and Communications" (TIPIC) team of the SAMOVAR laboratory. At the Institut Polytechnique de Paris (IP Paris) the candidate will be part of the Mathematics Department.

Job requirement:

Level of training, skills :

- PhD
- Master diploma, from an engineering school or equivalent with more than 5 years of professional experience
- Very high level business executive with more than 8 years of professional experience
- Categories or professions of IMT agents who may apply: II - C / D / E / P / R / T

Essential skills :

- International experience or exposure is expected
- Fluency in English and French
- Teaching and research experience

Abilities :

- Teamwork, interpersonal skills
- Educational qualities
- Ability to write and summarize

Application procedures:

Applications should be submitted on the school website :

<https://institutminestelecom.recruitee.com/l/en/o/maitre-de-conferences-en-mathematiques-appliquees-probabilites-et-statistiques-fh>

An application should include :

- a detailed CV including a record of teaching activities and a list of publications
- a statement of planned teaching and research activities
- the contact details of two referents
- as well as any material deemed interesting by the candidate to demonstrate its abilities

Deadline for applications : **March 31th, 2021**

Expected audition period: **May/June 2021 either physically or remotely**

Expected start date (negotiable): **September 1st, 2021**

Category and profession of the position within the framework of Institut Mines-Télécom: **II - C, appellation Assistant Professor**

Candidates are strongly encouraged to contact the department to discuss and refine their research and teaching projects:

- Wojciech PIECZYNSKI (wojciech.pieczynski@telecom-sudparis.eu), head of CITI department

About Telecom SudParis:

Telecom SudParis is a public graduate school for engineering, which has been recognized on the highest level in the domain of digital technology. The quality of its courses is founded on the scientific excellence of its faculty and on teaching techniques that emphasize project management, innovation and intercultural understanding. Telecom SudParis is part of the Institut Mines-Telecom, the number one group of engineering schools in France, under the supervision of the Minister for Industry. Telecom SudParis with Ecole Polytechnique, ENSTA Paris, ENSAE Paris and Telecom Paris are co-founders of the Institut Polytechnique de Paris, an institute of Science and Technology with an international vocation.

Its assets include: a personalized course, varied opportunities, the no.3 incubator in France, an ICT research center, an international campus shared with Institut Mines-Telecom Business School and over 60 student societies and clubs.