

Full-time assistant professor in computer science

Presentation and context of the position:

TELECOM SudParis is hiring an assistant Professor in Computer Science for the Computer Science Department (INF). We are looking for a high-potential candidate with teaching and research experience in the field of Computer Science.

We are seeking a young talented professional carrying a research project related to the activities of the DIEGO group (<https://www.inf.telecom-sudparis.eu/diego/>). The candidate must have strong skills in one or more of the following research topics related to semi-structured or unstructured streaming data and uncertainty management : On-the-fly processing of large-scale data streams; Acquisition and analysis of semi-structured or unstructured data streams (text, emails, social media streams, event logs, etc.); Stream-oriented query languages; Distributed stream processing; Managing uncertainty in data streams; Incremental online learning and reasoning of data streams for recommendation, anomaly detection, prediction, decision making, etc.; Formal models for continuous data representation and analysis. The targeted applications include crosswise use cases involving information systems and business processes related to smart cities, healthcare area, social networks analysis, etc. This recruitment will reinforce Telecom SudParis's position in the interdisciplinary center on data science and artificial intelligence (Hi!Paris) in which we aim to be involved by providing skills demonstrating the significance and the benefits of data analysis techniques in the digital transformation of information systems and business processes.

The candidate will be responsible for teaching and organizing courses in the engineer and master teaching programs at Telecom SudParis. In addition to the core courses in computer science, the new recruit would be able to teach for master's degree courses in the field of processing, querying and mining massive unstructured and heterogeneous data streams. Besides teaching, the recruit should design and organize teaching activities for undergraduate and graduate students, coordinate pedagogical teams and supervise students in scholar and research projects, internships, etc.

Telecom SudParis ([telecom-sudparis.eu](https://www.telecom-sudparis.eu)) is a member of both Institut Polytechnique de Paris ([ip-paris.fr](https://www.ip-paris.fr)) and Institut Mines-Télécom ([imt.fr](https://www.imt.fr)). Located both in Evry and Palaiseau, it offers an excellent environment for research and teaching. The candidate will join the SAMOVAR laboratory, ACMES team and be associated in the computer science department (IDIA) at IP Paris.

Job requirement:

Level of training, skills:

- PhD in Computer science
- 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 (spoken and written)
- Teaching and research experience
- Strong publication record (necessary to integrate ACMES team of the SAMOVAR laboratory)

- Good experience in participating in collaborative research project proposals and managing European or national contracts (H2020, FUI, ANR, etc.)
- Qualification by the CNU in the 27th section is desired
- Experience in the development of industrial applications is a plus
- Experience in an industrial environment is a plus

Abilities:

- Teamwork, interpersonal skills
- Relational and Educational qualities
- Ability to write and summarize
- Responsiveness, spirit of initiative and rigor
- Abilities for collaboration with academic and industrial partners, to negotiate and coordinate national, European, industrial contracts
- Ability to lead projects

Application procedures:

Applications should be submitted on the school website :

<https://institutminestelecom.recruitee.com/l/en/o/maitre-de-conferences-en-informatique-fh>

An application should include:

- a detailed CV including a record of teaching activities and a list of publications (reference to international publication rankings and repositories such as ERA Core, SJR, ISI, etc. is desired)
- a statement of planned teaching and research activities
- the contact details of at least two referents
- as well as any material deemed interesting by the candidate to demonstrate his/her abilities

Deadline for applications: **April 18th, 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 (Maître de Conférences)**

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

- Djamel Belaïd (Djamel.Belaïd@telecom-sudparis.eu), head of the computer science department
- Amel Bouzeghoub (Amel. Bouzeghoub@telecom-sudparis.eu), head of the ACMES research team, Samovar lab

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. <https://www.telecom-sudparis.eu/>