JOB SPECIFICATION
FOR CALL FOR APPLICATIONS

Date of update: February 2020

Job title: Associate Professor in Computer Science (Distributed Systems, Software Engineering and Middleware)

Localisation : Evry (with regular trips to Palaiseau) – FRANCE

Entity / Service: Télécom SudParis / Department INF

Position of supervisor: Director of Department INF (Computer Science)

Categories or professions of agents who can apply: II-C

Category and job occupation in IMT: II-C

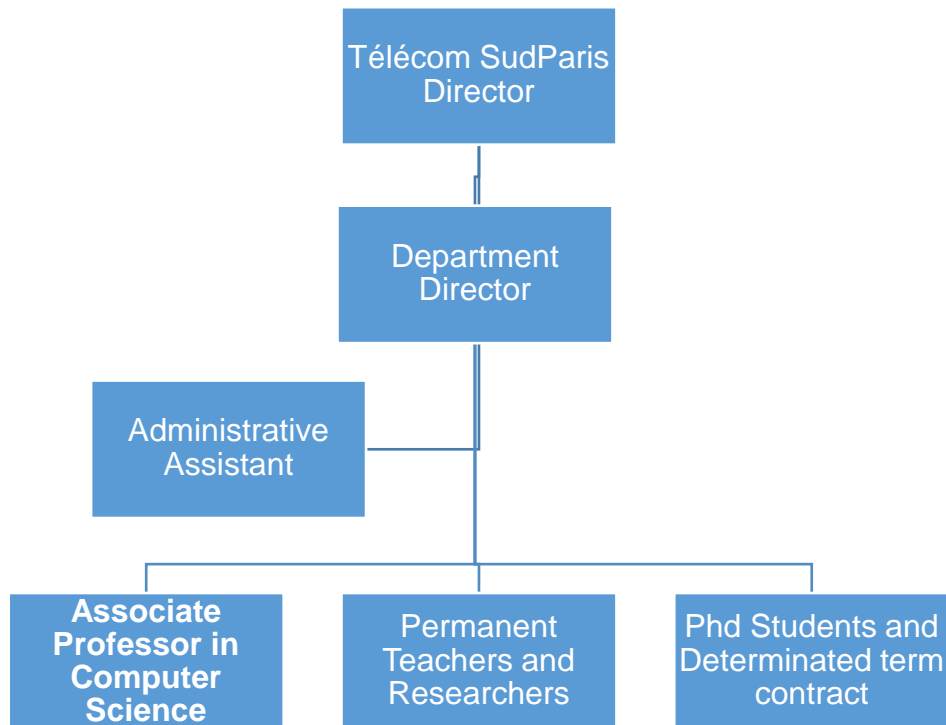**Category in the public service:** A

Permanent contract

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.

THE POSITION IN THE ORGANIZATIONAL STRUCTURE:

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│  Télécom SudParis    │
│      Director        │
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│    Department        │
│     Director         │
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│   Administrative     │
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│  Associate   │ │  Permanent   │ │ Phd Students and │
│ Professor in │ │ Teachers and │ │ Determinated term│
│   Computer   │ │  Researchers │ │    contract      │
│   Science    │ │              │ │                  │
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MISSIONS :

- Applicants participate in the design and implementation of courses in computer science at Télécom SudParis in the frame of various programs of the school, life-long training at Institut Mines-Télécom and also joint programs with Institut Polytechnique de Paris.
- They should conduct research in the field of computer science.
- They should participate in the development of partnerships, collaborations, and contractual agreements in their scientific field.
- They contribute to the dissemination of the research and to the visibility of Télécom SudParis, of Institut Mines-Télécom and of Institut Polytechnique de Paris**.**

ACTIVITIES :

Teaching activities:
- Design and organize teaching activities for undergraduate and graduate students in the computer science domain;
- Contribute to pedagogical innovation thanks to digital technologies;
- Coordinate pedagogical teams;
- Supervise students in scholar and research projects, internships, etc.;
- Participate to selection jurys of students applying for programs in engineering, Masters, etc.;

Research activities:
- Conduct upstream and applied researches in the domain of software engineering and middleware for distributed systems in the DiSSEM group (Distributed Systems, Software Engineering and Middleware);
- Supervise PhD theses, Master 2 internships and student research projects;
- Write proposals and participate to projects with partners from Institut Mines-Télécom, Institut Polytechnique de Paris, or other institutions from the academic and/or corporate world, in particular in the frame of national, or European projects;

- Explore and develop partnerships within the industry and establish contractual agreements;
- Apply research results to societal challenges such as healthcare, smart home, smart cities and industry of the future.

TRAINING AND SKILLS:

Level of training and / or experience required:

- Doctorate degree;
- Significant experience in teaching and research;
- Good experience in the setting up and execution of European or national contracts;
- Very good productivity in publication (allowing an integration in the ACMES team of the SAMOVAR lab);
- Fluency in English and French (spoken and written);
- International work experience (employment, doctorate, post-doc or long stay) desirable;
- Qualification by the CNU in section 27 desired.

Essential skills, knowledge and experience:
The expected skills concern at least part of the following topics related to dynamic and heterogeneous distributed systems:
- Internet of Things, Cloud Computing, Fog/Edge computing;
- Software engineering and model-driven engineering;
- Software architectures, middleware, microservices;
- Energy and environmental efficiency;
- Data management and privacy protection.

Abilities and skills:
- Organizational and animation skills;
- Ability to work in a team, ability to dialogue;
- Relational and pedagogical qualities;
- Ability to synthesize and write.

TO APPLY:

Please send before the April 17, 2020:

- a motivation letter
- a resume
- a work notice about your past and future activities in teaching and research (the 2 types of activity must be described with the same care for rigor and precision)
- a list of the main publications
- the names and mails of two qualified personalities who can give an informed opinion on the application

- recrutements@imtbs-tsp.eu
Or
- Télécom SudParis - HRD - 9 rue Charles Fourier - 91000 EVRY - FRANCE

Contact person: Djamel BELAID – Djamel.Belaid@telecom-sudparis.eu

Web Site: https://www.telecom-sudparis.eu/

Information of the candidate on the processing of personal data: https://bit.ly/2QeOZhl