Job Title: Assistant or Associate Professor in Services Softwarisation

TELECOM SudParis is hiring a full-time permanent associate professor (M/F) in Services Softwarisation. We are seeking a highly qualified candidate with a demonstrated experience in teaching and research.

Missions:
- Course work and curriculum design with teaching in the undergraduate and graduate programs in networks and services (LMD European levels), in apprenticeship training, in continuing education by Institut Mines-Télécom and in MSc and Doctoral programs of Université Paris Saclay
- Research and innovation in computer and telecommunications networks and services
- Active involvement in collaborative and externally funded research at the national, European and international levels including industrially funded contracts in computer and communications networks and services
- Active contribution to scientific excellence through top ranked publications and contributions to the institution's outreach

Teaching activities:
The candidate will:
- Design and teaching of courses (formal courses and practical work) in the area of computer and telecommunications networks and services. Active participation in curricular innovation through new digital technologies
- Establish and coordinate educational teams responsible for the university's education programs and curricula
- Advise students at undergraduate and graduate levels including senior projects, internships with industry, supervise master and doctoral theses.
- Participate in the enrolment and recruiting process of new students (entry exams, applicant interviews for the engineering, master and doctoral programs)

Research activities:
The candidate will:
- Conduct leading and outstanding fundamental and applied research in the desired area of specialization including : services softwarisation, services architectures, higher layers of the IoT architecture (such as semantic interoperability), data analysis and analytics supporting innovative future generation services and social networks
- Advise and manage undergraduate and graduate students (in the undergraduate, master and doctoral programs)
- Ability to establish and manage scientifically and financially new collaborative projects involving academic and industrial partners in national, European and international contracts
- Exceptional communication skills, financial acumen and the potential to fundraise are essential.
- Proven scientific record and ability to publish in top ranked journals and international conferences expected in networks and services and in services architectures.

Job requirement :
The desired candidate has a solid background in Services Softwarisation.

Required professional experience:
- Applicants should have demonstrated an excellent record of research publications, in securing external funding (for senior ranks), and evidence of high-quality teaching. Experience in academic and industrial grants and active involvement in related projects expected
- Fluency in English is essential
- International and professional experience desired (industrial, academic, post-docs, sabbatical …)
- Industrial experience is desired
- Links and cooperation with international partners and scholars in the networks and services field

Qualities and abilities:
- Autonomous, Self-Reliant, Cooperative, Dependable
- Strong team leadership and teamwork abilities
- Good organization, analysis and synthesis skills
- Inter-personal skills and responsiveness

Qualifications:
- Applicants must hold a Ph.D. in Computer Science, in networks and services or in a closely related field. Successful candidates must have a strong commitment to high quality research and teaching at undergraduate and graduate levels, as well as service.

Advanced education and experience expected in:
- Theory and practice with a strong scientific background and in depth knowledge of services softwarisation based on services virtualization architectures and supporting data analysis and analytics (collection, analysis, machine and deep learning) knowledge
- Social Networks
- IoT services architecture higher layers and protocols with knowledge and expertise on integration of IoT with other networks and systems such as 5G and on application to vertical sectors

Location:
Evry (France), 30 kms south of Paris, and Palaiseau. Moving (at least partially) to the Institut Mines-Télécom building in Palaiseau will be required in the 2019 timeframe, to contribute to the activities of Télécom SudParis within University Paris-Saclay.

Position:
Permanent full-time position

Work environment:
Refer to www.telecom-sudparis.eu, additional questions will be answered by email.

Recruitment foreseen date:
September 2018

Salaries:
*S*ee for details:
www.institut-telecom.fr

Contact:
Caroline COQUET
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Please submit your application materials (cover letter, vitae or resume, 3 reference letters, and recent teaching evaluations)