
Post-Doctoral / Research Engineer Position (M/F)
Reference: CS/FS/26102022

Research topics	Real-Time Communication Networks
Departement	Communication Systems
Publication date	26/10/2022
Start date	ASAP
Duration	Fixed Term Contract [18 months maximum]

Description

The selected candidate will conduct fundamental, independent research in the broad area of real-time communication networks.

Topics include but are not limited to

- Multi-agent systems
- Fundamental limitations of networked control systems
- Game theory for controlled networks
- Feedback capacity of channels with memory

Required Skills

- Degree from a recognized university (PhD/DPhil/Dr.-Ing. – completed or soon to be completed) in electrical engineering, computer science, applied or computational mathematics or related engineering or natural sciences
- Deep knowledge on at least one of the following research areas: information theory, computational mathematics, optimal control and Markov decision theory, theoretical foundations of reinforcement learning, optimization
- Strong publication record in top academic journals and conference venues (e.g., IEEE Transactions, Automatica, SIAM, IEEE ISIT, IEEE CDC, top ML conferences)
- Excellent analytical, technical and problem solving skills
- Organizational talent, excellent communication skills, and provable ability to work in a group

How to apply

Please contact Prof. Fotios Stavrou (fotios.stavrou@eurecom.fr), including a detailed resume, a list of at least three referees, and a one-page research statement advertising yourself, e.g., interests, research plans, achievements and why do you think you could be a good fit for this position.

The interested candidates are advised to indicate "Post-Doc Position" in the e-mail subject line.

Applications will be constantly considered until the position is filled.



About EURECOM

EURECOM is a graduate school and a research center in communication systems located in Sophia Antipolis, a vibrant science park on the French Riviera. EURECOM is ranked among the world's top universities in the QS World University Rankings® 2019, considered one of the world's strongest universities in Computer Science & Information Systems and ranked 551/600 worldwide.

Organized as an Economic Interest Group (kind of consortium), EURECOM brings together in its consortium prestigious universities such as the schools from the Institut Mines Télécom group (Télécom Paris, IMT Atlantique, Télécom SudParis, etc.), Aalto University (Helsinki), Politecnico di Torino, Technische Universität München (TUM), Norwegian University of Science and Technology (NTNU), Chalmers University of Technology (Sweden), Czech Technical University in Prague (CTU), ITMO University (St Petersburg), University of Liège (ULiège) and EDHEC Business School, as well as industry members such as BMW Group, IABG, Orange, SAP, NortonLifeLock and the Principality of Monaco as an institutional member.

EURECOM has developed its expertise around three major fields: Digital Security, Data Science and Communication Systems. EURECOM is particularly active in research in its areas of excellence while also training a large number of doctoral candidates. Its contractual research, in which its industrial members actively participate, is widely recognized in Europe and contributes largely to its budget. Its strong links with various industries has enabled EURECOM, with the Institut Mines Télécom, to obtain the Carnot label, a label granted to research organizations which put partnership research at the heart of their strategy.

Social advantages

- Attractive salary
- Employee profit sharing policy (profit sharing)
- Company health cover (mutual) with high levels of guarantees for the whole family (employer participation of 60%)
- Restaurant vouchers (60% employer contribution)
- Geographical location (Campus Sophia Antipolis (BIOT-Côte d'Azur))
- International and multicultural environment

Career Benefits

- Innovative research opportunity
- Opportunity to collaborate with a world industrial leader in communication technologies

Important information

* EURECOM has a dynamic policy in terms of inclusion and quality of life at work. EURECOM is committed to diversity and gives equal consideration to all applications, without discrimination.

* All our positions are open to people with disabilities. EURECOM has a disability referent to support, advise, organize any adjustments and make positive commitments in favor of personalized integration.

* EURECOM, as part of its gender equality plan, encourages male applications for administrative positions, traditionally held by women, and female applications for research positions, traditionally held by men.

* EURECOM carries out positive actions within the framework of its CSR policy. A CSR referent guides EURECOM's policy in terms of CSR and energy transition (electric charging stations, solar panels, waste sorting, etc.)

English is the official and only language.