

Post-Doc position on Real-Time Communication Networks at EURECOM

There is an opening for a Post-Doc position at EURECOM located in the French Riviera.

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

Social Benefits:

- Attractive salary
- Employee profit sharing policy (intéressement)
- Company health coverage (mutuelle) with high levels of guarantees for the entire family (60% employer's participation)
- Annual performance bonus (part variable)
- Restaurant tickets (60% employer's participation)
- Private retirement scheme (100% employer's participation)
- Geographical location (Campus Sophia Antipolis (BIOT-Côte d'Azur))
- International and multicultural environment

Career Benefits:

- Opportunity for ground-breaking research
- Opportunity for collaboration with a world-wide industrial leader in communication technologies

Location:

The selected candidate will work within the Communication Systems Department at EURECOM.

EURECOM is among the top-ranked European Graduate Engineering Schools in information and communication technologies with tight connections to top industry labs. It is located in the heart of the French Riviera, inside the multi-cultural Silicon Valley of Europe (Tech Park Sophia-Antipolis).

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.

Important information regarding the University:

- ❖ 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 a 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 as part of its CSR policy. A CSR referent steers EURECOM’s policy in terms of CSR and energetic transition (electric charging stations, solar panels, waste sorting, etc.)
- ❖ English is the official and only language of the University

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