

PhD position on advanced technologies of future wireless networks at EURECOM

There is an opening for a PhD position at EURECOM located in the French Riviera.

The selected candidate will conduct fundamental research in the broad area of advanced technologies of future wireless networks. Topics include but are not limited to:

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

Qualifications:

- MSc degree completed or toward its completion
- Very strong mathematical background
- Provable knowledge on at least one of the following areas: information theory, computational mathematics, optimal control, Markov decision theory and reinforcement learning will be greatly appreciated
- Excellent communication skills with the 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 tied connections to top industry labs. It is located in the heart of the French Riviera, inside the multi-cultural Silicon valley of Europe (Technological Park of Sophia-Antipolis).

How to apply:

Please contact Prof. Fotios Stavrou (fotios.stavrou@eurecom.fr), including a detailed resume, a list of at least two referees, and a one-page research statement advertising yourself, e.g., interests, achievements and why do you think you could be a good fit for this position. The interested candidates are advised to indicate "PhD Position" in the e-mail subject line.

Deadline for applications: December 1st, 2022.

** After the deadline, short listing of the potential candidate will be followed, including interviews soon thereafter.

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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