
Research topics	Systems and embedded systems security
Position (M/F)	Post-Doctoral researcher
Reference offer	SN/AF/secsys/PostDoc/022023
Research Department	Digital Security
Publication date	16/02/2023
Start date	ASAP
Duration	18 months CDD
Description	

The post-doctoral candidate will perform research in systems security, participating in the research conducted at EURECOM in the software and systems security group. In particular, candidates should have strong systems skills, and have experience and interest in working in embedded systems security and one or more of the following topics:

- 5G network security
- Dynamic taint tracking
- Practical aspects of Side channels
- Firmware analysis and rehosting
- Software testing, such as Fuzzing and dynamic symbolic execution
- Wireless security
- Open-source hardware security

Candidates should have a Ph.D. (or defend soon) and present a research track record (published papers or papers under submission). The candidate will participate in the research, collaborate on advising Ph.D. students, and help in managing research projects. Participation in teaching is possible but optional.

Requirements

- Education Level / Degree : PhD
- Field / specialty: Computer Science / Electrical Engineering

Application

The position is available immediately, and until filled, applications will be processed as they arrive, so early applications are encouraged. Interested individuals should submit the following documents (in English):

- Curriculum Vitae, including a transcript of certificates, grades, and previous publications
- A research statement describing your previous research and how you imagine your research would fit in the topics mentioned above
- Contact information for 2 referees at your current and previous affiliation

Applications should be submitted by e-mail to secretariat@eurecom.fr with the reference: **SN/AF/secsys/PostDoc/022023**

About EURECOM

EURECOM is a major Engineering School and a Research Center in digital sciences founded in 1991 as a consortium in the international technology park of Sophia Antipolis. The IMT is a founding member of the GIE. Teaching and research activities are organized around 3 promising fields: digital security, communication systems and Data Science.

EURECOM has a staff of 150 (researchers and support teams) and welcomes 400 international students on the Campus Sophia Tech, the largest information science and technology campus of the region. EURECOM enjoys a privileged geographical environment on the French Riviera (Côte d'Azur), between sea and mountains, at the heart of a dynamic and multidisciplinary ecosystem that promotes high-level scientific and technological innovation.

Social advantages

- Attractive salary
- Employee profit sharing policy
- Company health cover (mutuelle) with high levels of guarantees for the whole family (employer participation of 60%)
- Restaurant vouchers (60% employer contribution)

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

EURECOM has a "Mission Handicap" policy. All our positions are open to people with disabilities. A designated disability referent welcomes and provide support to employees and students suffering from a disability. He puts in place the necessary arrangements and makes positive commitments in favour of a personalized integration.

EURECOM, as part of its Annual Gender Equality Plan, practices inclusive recruitment without any kind of gender discrimination. The conditions of employment are identical for women and men. In order to promote the diversity in its teams, EURECOM encourages male applications for administrative positions, traditionally occupied by women, and female applications for teaching/research positions, traditionally occupied by men.

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