

Research topics	Goal-oriented semantic communication
Position (M/F)	Post-Doctoral
Reference offer	CS/MK/semantique/PostDoc/022023
Research Department	Communication Systems
Publication date	17/02/2023
Start date	ASAP
Duration	Fixed Term Contract 18 months
Description	

The selected candidate(s) will conduct fundamental, independent research in the area of goal-oriented semantic communication, covering various aspects and approaches, ranging from information theory to machine learning. Positions are funded by the ERC Consolidator Grant SONATA.

Requirements

- Very good university degree (PhD/DPhil/Dr.-Ing. – completed or soon to be completed) in communications engineering/information technology, theoretical computer science, applied mathematics or related engineering or natural sciences.
- Profound knowledge on at least one of the following areas: theoretical foundations of communication and networks, information theory, applied mathematics, theoretical foundations of machine learning, signal processing.
- Strong publication record in top academic journals and venues (e.g., IEEE Transactions, top ML conferences, ACM).
- Excellent analytical, technical and problem solving skills.
- Organizational talent, excellent communication skills, and team spirit.

Application

The application must include:

- Detailed curriculum,
- One-page research statement explaining your interests, plans, achievements and why you think these could be a good fit,
- Name and address of three references.

Applications should be submitted by e-mail to marios.kountouris@eurecom.fr & secretariat@eurecom.fr with the reference: **CS/MK/semantique/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.).