Two Postdocs positions on localization

24 06 2020 13:33

- Starting date: September / October 2019 (negotiable if necessary)
- Full-time, 1 year fixed term contracts, remuneration: 50 kEuros/year (~2,500 Euros/month net salary) plus conference attendance, travel etc. For Position 2 an extension of 6 months is possible.

**Description**: The two postdocs will work on the project Phebe “Physical-Layer Security for Beyond 5G”, funded by the Paris Seine Initiative. Applications are sought from international candidates with a strong academic background and expertise in at least one of the following areas:

**Position 1**:
- Localization
- Channel Estimation, RF Fingerprinting
- Machine Learning

**Position 2**:
- Physical Layer Security
- Machine Learning
- mMIMO, mmWave and related disciplines. Demonstrable mathematical skills and familiarity with Python, Matlab, etc., are essential. Experience in proposal writing will be an advantage.

**About the opportunity and us**

The postdoctoral researchers will join the ETIS Laboratory UMR 8051 and will work under the supervision of Marwa Chafii and Arsenia (Ersi) Chorti. Informal enquiries about this position can be made by email to Marwa Chafii marwa.chafii@ensea.fr for Position 1 and to arsenia.chorti@ensea.fr for Position 2. The postdocs will be located at the École Nationale Supérieure de l'Électronique et de ses Applications (ENSEA), a reputable Engineering School (“Grande Ecole”) at the outskirts of Paris (line RER A, station Cergy Prefecture) in France.

**About you**

Applicants must have (or be close to completion) a PhD degree in a relevant area, a good publication record and should be familiar with key engineering programming languages (e.g., MATLAB, Python etc.). Strong interpersonal and communication skills, the ability to work effectively in a team, manage resources and prioritise tasks to achieve project outcomes will be essential. A good knowledge of the English language is required. Knowledge of French is not a pre-requisite.

**How to Apply**

**Application procedure**: Applications should include the following elements: 1) a detailed CV, 2) Two or three academic references, 3) a one-page Motivation Letter.

1. For the position on Localization-Positioning Techniques for B5G, all applications must be submitted
directly by email at marwa.chafii@ensea.fr. For applications, the subject of your email should be “Application for PHEBE postdoc 1”. Closing date: 11:59 pm 30th June 2019 (GMT+1 Time Zone) Interviews will be conducted by phone / videoconference between 1-3 July 2020.

2. For the position on Physical Layer Security – Machine learning for B5G, all applications must be submitted directly by email at arsenia.chorti@ensea.fr. For applications, the subject of your email should be “Application for PHEBE postdoc 2”.

**Closing date** : 11:59 pm 15th July 2019 (GMT+1 Time Zone)

**Interviews** will be conducted by phone / videoconference between **16-20 July 2020**.

We are committed to diversity and social inclusion. Applications from female candidates, people with disabilities and diverse backgrounds are encouraged. We reserve the right not to proceed with any appointment.