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Recruiting 3 Marie Sklodowska-Curie Students at H2020-ETN-SECRET

Instituto de Telecomunicações (IT) – Aveiro - Portugal

SECRET is a collaborative European Training Network (ETN) targeting "Mobile Small Cells on Demand" harnessing on current 5G paradigms towards Enhanced Broadband Connectivity and Gigabit Wireless.
Funded by the European Commission under the Horizon 2020 Marie Sklodowska-Curie Actions, SECRET is committed to create an excellent educational training platform for Early Stage Researchers (ESRs) in the field of wireless communications and networking. The network will offer ESRs a once in a life-time experience to develop their own research personality and prepare them to create their legacy as we enter the 5G digital world.

WHAT WE ARE LOOKING FOR

We look for **outstanding**, **self-motivated PhD students** to participate in a large-scale European Training Network (ETN) on 5G Communications, including research training on Front-end RF electronics, Wireless Security Protocol Design and Practical Experimentation.The selected candidates will have the opportunity to pursue a PhD degree during their work within the project and have exposure to diverse research cultures conducted through scientific missions between the partners of the networks.

WHAT WE OFFER

- 3 PhD vacancies (3-year duration);
- An international environment with excellent researchers;
- Personalized supervision and career tracking, coupled with first class infrastructures;
- Exposure to academic and industry driven research, reinforced through planned secondments between the partners of the network;
- Support for career development through training in project management, communications skills, grant writing, business development, among others;
- A working contract with a very competitive salary according to the MSCA ETN rules for Early Stage Researchers (ESRs), plus mobility and family allowances as applicable.

AVAILABLE POSITIONS

The positions offered within the project are the following:

- ESR1 - Key management schemes for secure network-coding enabled mobile small cells.
- ESR2 - Intrusion detection and prevention for network-coding enabled small cells
- ESR3 - Energy efficient RF power amplifier for multi-mode handset design

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KEY REQUIREMENTS AND ELIGIBILITY CRITERIA

To attract the very best candidates, Innovative Training Networks provide generous financial support for an enhanced doctoral training programme.
The successful candidates will have a **good first degree or equivalent in Telecommunications/Electronics/Computer Science/Engineering** and **preferably a Masters in an appropriate area with strong component of research**, as well as an **excellent command of English** - at least 6.0 IELTS or equivalent - will be fundamental.
Applicants shall, at the time of recruitment by the host organization, be in the **first four years of full-time equivalent research experience** of their careers and not yet have been awarded a doctoral degree.
At the time of recruitment by the host beneficiary, researchers **must not have resided or carried out their main activity** (work, studies, etc.) **in the country of their host beneficiary for more than 12 months in the 3 years** immediately prior to the reference date. Compulsory national service or short stays such as holidays are not taken into account.

TO APPLY

To apply, please send an email to **secret_recruitment@av.it.pt** with:

- A cover letter detailing your suitability for the respective position;
- A detailed CV;
- List of publications, including web links, if applicable
- First degree and/or Masters degree certificate(s), transcripts of records
- Name and address of two referees to support your application

Candidates must ensure that all information is included before the deadline (30th April), including the reference letters, as incomplete applications will not be considered eligible.

In accordance with the European Commission's efforts to foster gender balance in Horizon 2020 research teams, we particularly welcome female applicants.

DEADLINE
30th April