Experienced Reseacher at Link Technologies - Marie Curie Project SMART-NRG (LINK-RE1)

Link Technologies SA, based in Thessaloniki, Greece, offers a fully-funded position for an Experienced Researcher (ER) in the context of the FP7 Industry Academia Partnerships and Pathways (IAPP) project SMART-NRG (http://gain.di.uoa.gr/smart-nrg/). The project will go beyond state-of-the-art approaches for Smart Energy Networks (SENS) by introducing an innovative and integrated protocol stack, which will be made of three interlinked and optimized sub-systems: i) reliable communications and networking; ii) smart energy management; and iii) security and protection. The sub-systems will be studied, optimized, and integrated in a very efficient protocol stack, which will be tested via system level simulations and hardware testbeds, and, eventually, will be integrated into commercial devices.

Description

An experienced researcher, that owns an MSc and has between 4 and 10 years of research experience at the time of recruitment (time pursuing a PhD degree counting), will be hired for 12 months to work on developing the building blocks for the implementation and integration of the proposed algorithms/protocols, test them in the available testbed and finally integrate them into real-life devices. He/She will have high expertise in complexity analysis, focusing on identifying the feasibility of the designed solutions in terms of implementation in a realistic environment. The selected ER will join the research group at LINK (http://link-tech.gr) and have a unique opportunity to pursue a career in SENs. Working in this ambitious research project, should lead the ER to research development, together with a very strong joint multidisciplinary research training program.

Research Fields

Engineering - Computer engineering

Career Stage

Experienced researcher or 4-10 yrs (Post-Doc)

Research Profiles

Recognised Researcher (R2)

Benefits

Benefits, such as parental leave, vacation days, etc., are according to national legislation.

Comment/web site for additional job details

We are looking for a highly motivated, enthusiastic scientist, with a preferential background in wireless/mobile networks and security protocols. Previous experience in fields directly related to the specific position is a plus. Excellent research skills and analytical abilities are required, fluency in English (both spoken and written), proactive communication skills and problem solving as part of a team, strong record keeping, great work ethic and initiatives are essential characteristics. Candidates must also meet the following criteria: 1) have between 4 and 10 years (full-time equivalent) of research experience; 2) be of any nationality, but not having resided or carried out their main activity in Greece for more than 1 year in the past 3 years; 3) have a degree giving access to PhD studies or a PhD degree.

To apply for this position, please send i) a full CV, including publications record, ii) a

motivation letter, iii) recommenders' contact details (up to 3), and iv) any other relevant document, to iapp.smartnrg@gmail.com, not later than 15 July 2016, with subject: "SMART-NRG: Application for position LINK-RE1".

More information on the position and required expertise can be provided by the project manager Dr. Nikos Passas (passas@di.uoa.gr).