

**Job posted by National and Kapodistrian University of Athens (10/10/2016 11.02)**



## An Experienced Researcher (Post-Doc) at the University of Athens - Marie Curie Project SMART-NRG (UOA-RE3)

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The Department of Informatics and Telecommunications at the University of Athens (UoA), Greece, offers a fully-funded Post-Doc position for Experienced Researchers (ER) in the context of the FP7 Industry Academia Partnerships and Pathways (IAPP) project SMART-NRG (<http://smart-nrg.net>). 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 design and implementation of energy consumption prediction algorithms using dynamic programming towards advanced and low complexity energy management solutions. High programming skills are mandatory.

The selected ER will join the GAIN research group (<http://gain.di.uoa.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.

Nr of positions available : 1

### 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](mailto:iapp.smartnrg@gmail.com), not later than 25 November 2016, with subject: "SMART-NRG: Application for position UOA-RE3". Clarifications can be given by Nikos Passas by sending email to [passas@di.uoa.gr](mailto:passas@di.uoa.gr)

The appointment is expected to start January 2017.

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## Requirements

Required Education Level	
<b>Degree</b>	PhD or equivalent
<b>Degree Field</b>	Computer science
Required Research Experiences	
<b>Main Research Field</b>	Engineering
<b>Sub Research Field</b>	Computer engineering
<b>Years of Research Experience</b>	4
Required Languages	
<b>Language</b>	ENGLISH
<b>Language Level</b>	Excellent