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Postdoc Qatar University

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Job Title: Postdoc
Department: Electrical Engineering
<http://www.qu.edu.qa/engineering/electrical/>
Institution: Qatar University
Doha, , Qatar

Date Posted: Oct. 10, 2009

Application Deadline: Until position filled
Position Start Date: As soon as possible

Job Categories: Post-Doc

Academic Field(s): Electrical and/or Electronics

Apply By E-mail: tkhattab@qu.edu.qa

Job Description:

A post doctoral researcher position is open for immediate hiring in the area of "Design of Wireless Sensors for Harsh Enviroments" at Qatar University in Collaboration with McGill University in Canada. The project duration is 3 years. The contract is renewed on a yearly basis.

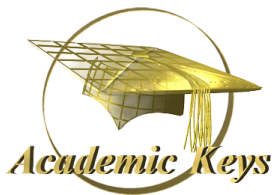
The position will involve communication algorithms, designs, simulation, and development for wireless sensors operating in very harsh environment (inside jet engines). It will provide a good chance for interaction with academic institutions in Qatar and Canada, interaction with industry, and grant-writing. It is therefore important that the candidate can demonstrate most of the following:

- Strong background in channel modeling, wireless communications theory, RF design, and baseband design.
- Strong knowledge of FPGA, ASIC, and analog IC design methods
- Knowledge of sensors design methodologies
- Fluency in written and spoken English
- Very good critical thinking and reasoning
- Self motivation, ability to work independently and a desire to experiment and explore
- Ability to work in a team of diverse backgrounds and cultures
- Solid publication record in top academic conferences and/or journals

Qatar University has recently achieved top number of strategic grants amongst all institutions in Qatar, for a grand total of more than 30 million dollars.

The position includes the following benefits:

- Attractive compensation package
- Zero Taxes
- Governmental Medical coverage



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• Interaction, collaboration and joint work with one of the top academics in the field of Radio Frequency and Analog Design methods (Prof. Mourad El-Gamal of McGill University) and one of the top academics in the field of Sensors Design (Prof. Mohieddine Benammar of Qatar University) in addition to the strong academic staff at Qatar University in the area of wireless communications theory.

Candidates should send the following information as .pdf or .doc attachments to Tamer Khattab (tkhattab@ieee.org):

• CV, including a list of publications, a summary of educational and work experience, and grades

• Short research statement (maximum 1 page)

• Names and email addresses of at least 3 references

Contact Information:

Please reference AcademicKeys.com in your cover letter when applying for or inquiring about this job announcement.

Contact: Tamer Khattab
Electrical Engineering
Qatar University
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Doha 2713
Qatar

Phone Number: +974-556-0481

Contact E-mail: tkhattab@qu.edu.qa