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by Alexandra Radics

REF. N. 17_18

Job Description:

Job title: 1 PhD position in PHYSICS

Name of Organisation: School of Physics, Faculty of Engineering, Mathematics and Sciences, Trinity College Dublin

Country: Ireland

City: Dublin

Main research fields: Physics

Application deadline: 01/08/2018 12:00 – Europe/London

NOTE: Applicants must have been resident in an EU member state for 3 out of the last 5 years to be eligible for EU fees.

Required Education:

Level: Bachelor's Degree

Fields: Physics, Electrical Engineering, Materials Science or Chemistry (with focus in physical chemistry), or a related field.

Language skills:

Required languages: English

Level: Excellent

Required research experiences:

- Experience in quantitative data analysis;
- Excellent communication and English writing skills;
- Experimental Design;

Application details:

Topic: PhD thesis will be in the areas of green photonics, organic optoelectronics (OLEDs, organic solar cells), metamaterials, plasmonics or nanophotonics, depending on the interests of the successful applicant.

Job description:

The PhD student will carry out an original body of research as part of the requirements for the PhD in Physics at Trinity College under the direction of their research advisor. They will participate fully in the research group, attending regular group meetings and collaborating with other group members. They are expected to be a self-motivated, eager to learn and enthusiastic about their area of study.

Duration of job: 4 years

Status: Full-time

Salary: Annual stipend of €18,500 and full fees coverage (EU or non-EU)

Job starting date: Before September 2018

Additional requirements:

- Experience conducting research in optics, photonics, semiconductors or optoelectronics
- Computational modelling
- Labview, Matlab, Mathematica, Origin
- Electrical device measurements