UNIVERSITY OF CYPRUS
FOSS RESEARCH CENTRE FOR
SUSTAINABLE ENERGY

DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

SPECIAL SCIENTIST

The Photovoltaic (PV) Technology Laboratory of the FOSS Research Centre for Sustainable Energy (www.foss.ucy.ac.cy) at the University of Cyprus announces one (1) vacancy for a full or part-time Special Scientist position to work on externally-funded research projects at the PV Technology Laboratory.

DUTIES AND RESPONSIBILITIES

The successful candidate is expected to conduct research under research projects of the FOSS Research Centre for Sustainable Energy in the field of Renewable Energy Sources. The successful candidate will have the following duties and responsibilities:

- Signal Processing
- Electric Mobility
- Designing, setting up, and conducting research experiments for studying the efficiency and operation of PV systems
- Modeling PV system operation in the presence of faults and degradation
- Design, development and operation of data acquisition solutions for PV
- Data and statistical analysis
- Interpretation of research results and development of appropriate simulation algorithms
- Writing articles and publication of research results
- Supervision of research projects conducted by bachelor (final year) and postgraduate students
- Support in research project management
- Contribution to the dissemination of results and in educational activities.

REQUIRED QUALIFICATIONS

- First Degree in one of the following: Electrical Engineering, Mechanical Engineering, or Physics.
- PhD in one of the following: Electrical Engineering, Mechanical Engineering, or Physics.

High academic performance and interest in research are considered important qualifications.

ADDITIONAL QUALIFICATIONS

Ideally, the candidate will have prior experience in research projects in relevant fields to the research conducted at the PV Technology Laboratory.
EMPLOYMENT TERMS

The monthly gross salary for full time employment (140 hrs/month) is in the range of €2000-4200 (€14,28/hr - €30,00/hr). From this amount employer and employee contributions to the various Government Funds as well as any income tax will be deducted. The salary can vary depending on experience, qualifications, and specific duties in research projects involved. The initial contract, which is on an hourly basis, is for one (1) year with the possibility of renewal based on successful progress. 13th salary and medical coverage are not provided.

Interested candidates should submit the following:

1. letter of interest for the position
2. full cv
3. copies of degrees and transcripts
4. name and contact details of two referees for recommendation letters.

by email to the following addresses: akyp@ucy.ac.cy, geg@ucy.ac.cy and pafiti.elisavet@ucy.ac.cy by Monday 18th July 2016.

For more information please contact: Dr. Andreas Kyprianou (Tel: +357-22892294, email: akyp@ucy.ac.cy) or Dr. George E. Georghiou (Tel: +357-22892272, email: geg@ucy.ac.cy)