

UNIVERSITY OF CYPRUS
FOSS RESEARCH CENTRE FOR SUSTAINABLE ENERGY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
SPECIAL SCIENTIST (PhD Holder)

Position: Special Scientist - Research (PhD Holder)
No. of Positions: One (1)
Category: One (1) year, with the possibility of extension
Location: University of Cyprus, Nicosia

Application Code: FOSS2024SS-12

The PV Technology Laboratory of the FOSS Research Centre for Sustainable Energy of the University of Cyprus announces one (1) vacancy for a full-time or part-time Special Scientist position to work on research programmes of the lab related to renewable energy sources, smart grids, energy storage, and energy communities.

It should be noted that one (1) month of full-time employment at the University of Cyprus corresponds to 140 working hours.

REQUIRED QUALIFICATIONS:

- Bachelor's and/or Master's degree in Electrical Engineering, Electronics, Computer Science, Computer Engineering, Mechanical Engineering, Physics, with a grade of at least a 2.1 class or equivalent.
- Doctorate degree.

ADDITIONAL QUALIFICATIONS:

Experience in any of the following research fields will be considered an advantage:

- Power Systems.
- Energy Communities.
- Renewable Energy Sources.
- Smart Grids.
- Data Analysis.
- Artificial Neural Networks, expert systems and applications to the field of energy.
- ICT applications in the field of energy.
- Green Hydrogen Technologies.
- GIS systems.
- Programming in Python especially for energy related applications.
- Post-doctoral and/or working experience in research programs.

DUTIES AND RESPONSIBILITIES:

The successful candidate will be expected to conduct research according to the needs of the research projects of the Photovoltaic Technology Laboratory in the field of solar energy and, specifically, photovoltaic

technology, smart grids, in energy issues, the energy communities and the integration of photovoltaics and green hydrogen in the network. Additional duties include:

- Drafting reports and research publications.
- Writing Research Proposals.
- Supporting the write-up of Research Proposals.
- Supervising research projects conducted by Bachelor (final-year students) and postgraduate students.
- Supporting research project management.
- Contributing to the dissemination of research outcomes and educational activities.
- Contributing to the development of educational programmes related to the research activities of the lab.

EMPLOYMENT TERMS:

The initial contract is for 12 months, with the possibility of renewal subject to performance. The monthly gross salary for full-time employment (i.e., 140 hours per month) is in the range of €2.426,20 to €3.640,00 (i.e., from €17,33 per hour to €26,00 per hour), depending on the candidate's experience, qualifications, and specific duties. Employee contributions to the various Government Funds will be deducted from the aforementioned amounts. 13th salary is already incorporated in the monthly gross amount.

APPLICATIONS:

Interested candidates should submit the following:

1. Letter of interest for the specific position.
2. Full CV including description of previous experience, as well as reference to the grades of degrees.
3. Copies of degrees and transcripts of Bachelor's and/or Master's and PhD degree(s).
4. Name and contact details of two referees for recommendation letters.

Please send your application by **Friday, 4 October 2024** via email to foss.vacancies@gmail.com and phaethon.vacancies@ucy.ac.cy with the subject title: **FOSS2024SS-12 Application**.

Applicants need not be citizens of the Republic of Cyprus. Applicants should however ensure, before applying, that in case they are selected they will be residing in Cyprus on a full-time basis during the employment period. Submission of application implies acceptance of this condition.

The top three candidates that satisfy the required qualifications will be interviewed by a three-member Committee. All candidates will be informed of the result of their application by the relevant entity.

The University of Cyprus shall collect and process your personal data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).

The University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as the elimination of all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members will feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage and respect diversity, and ensure dignity both in the workplace and society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, while it is committed to promoting and maintaining a working, teaching, and learning environment, free from any form of discrimination, whether direct or indirect.

