PHAETHON
CENTRE OF EXCELLENCE
Intelligent | Sustainable | Energy

Πανεπιστήμιο Κύπρου
University of Cyprus

university of groningen

DTU Technical University of Denmark

Researcher – First Stage

Job Description

PHAETHON CoE
Job Title: **Researcher – First Stage (R1)**
Reference number: **"PHAETHON_R1_2025_01"**
Directorate: **Research**
Employment Type: **Full-Time**

PHAETHON CoE | Researcher

Job Title

- **Researcher – First Stage (R1)**

Job Overview

This position is part of the established strategic partnerships of the PHAETHON CoE with both the Technical University of Denmark (DTU) and the University of Groningen. Thus, the selected candidate(s) will have the opportunity to work for a period in any of the two institutions. This a great opportunity for early career researchers to gain valuable experiences for scientific purposes and also expand their network.

The **Researcher – First Stage (R1)** supports the execution of research projects within one of the PHAETHON CoE's Research Units under the guidance of senior research staff. This role is designed for early-career researchers (typically pre-PhD) and aims to foster their academic and professional development within the fields of intelligent, sustainable, and green energy systems. The position contributes to high-quality research outputs while allowing the researcher to build expertise in methodologies, project work, and research collaboration in line with the European Charter & Code and HRS4R principles.

Reporting

The First Stage Researcher works under the direct supervision of a Group Leader within the different research units or senior researcher and collaborates closely with other team members on ongoing R&I activities.

Key Responsibilities

- Conduct research activities in line with the objectives of the assigned project, under the supervision of senior researchers.
- Participate in data collection, processing, and analysis, applying scientific methods and tools relevant to the research topic.
- Contribute to literature reviews, technical documentation, and the preparation of scientific publications or project reports.
- Supporting the write-up of Research Proposals.
- Present research results to internal teams and at local or international workshops, as appropriate.

- Assist in the organisation of lab activities, pilot testing, or small-scale fieldwork in accordance with safety and ethical protocols.
- Participate in training and career development activities offered by the Centre (e.g. seminars, workshops, and transferable skills training).
- Follow good research practices and maintain research integrity, data confidentiality, and ethical compliance at all times.

Development Goals and Career Path (aligned with R1 HRS4R profile)

- Gain hands-on experience in interdisciplinary research within the energy and sustainability domains.
- Develop critical thinking, research design, and data analysis skills.
- Improve communication and collaboration skills within academic and applied research environments.
- Contribute to early-stage publications and dissemination of research findings.
- Build a foundation for successful progression to Recognized Researcher (R2) status.

Required Qualifications

- Bachelor's or Master's degree in any field of engineering, Computer Science, Physics, Mathematics, Environmental Sciences or any other related field with a grade of at least a 2.1 class or equivalent.
- Demonstrated interest in pursuing a research career, particularly in topics relevant to green technologies, smart energy, or sustainability.
- Basic understanding of research methods, scientific writing, and data handling.
- Motivation to work in a collaborative and interdisciplinary research environment.
- Strong analytical and organisational skills.
- Fluency in English; knowledge of Greek is considered an advantage.

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.
- Previous experience in research programmes

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Employment Terms

Initially, a one-year contract will be offered, with a 6-month probation period, which is renewable based on performance. The monthly gross salary for full-time employment is in the range of €1500 – €2000 based on experience. From this amount, employee contributions to the Cyprus government funds will be deducted. Maternity leave will be granted based on Maternity Protection Law 1997(Ν.100(Ι)/1997), and the existing amendment laws. The 13th salary bonus is incorporated in the monthly salary.

The position can be combined (but not necessarily), **with a joint PhD degree** with the University of Groningen(UG) and the Technical University of Denmark (DTU) **or with an application for a PhD at the University of Cyprus.**

Key Benefits

- Competitive renumeration package
- Flexible working hours
- Career development and training opportunities
- Industrial and academic secondments in leading European organizations

Applications

Interested candidates should submit the following:

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

- Please send your application by Friday, 13 June 2025 via email to phaethon.vacancies@ucy.ac.cy with reference number: "PHAETHON_R1_2025_01".

Please note that applications which do not fulfill the required qualifications and do not follow the announcement's guidelines will not be considered.

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

The PHAETHON Centre of Excellence is an Equal Opportunities Employer.