

# Researcher – Established

## Job Description

### PHAETHON CoE

Job Title: **Researcher – Established**

Reference Number: **"PHAETHON\_R3\_2025\_01"**

Directorate: **Research**

Employment Type: **Full-Time**

## PHAETHON CoE | Researcher

### Job Title

- **Researcher – Established Researcher (R3)**

### 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 collaborate with the two institutions. This a great opportunity to gain valuable experiences for scientific purposes and expand their network.

The **Researcher – Established Researcher (R3)** is an experienced researcher who has demonstrated research independence and leadership within their field. At PHAETHON CoE, the R3 researcher leads significant components of research projects, drives scientific innovation, and contributes to the Centre's strategic research objectives. This role includes developing project concepts, supervising junior staff, building collaborations, and securing competitive research funding. The Established Researcher is expected to shape the scientific direction of their research area and contribute to the Centre's impact on energy sustainability, innovation, and policy.

### Reporting

The Established Researcher reports to the Research Unit Leader or Group Leader and collaborates closely with other researchers, project managers, engineers, and partner institutions.

### Key Responsibilities

- Lead independent and collaborative research activities aligned with the CoE's scientific mission.
- Identify research problems and propose innovative approaches and solutions.
- Design and lead the implementation of work packages within national or European-funded research projects.
- Publish as lead author in high-impact scientific journals and present at national and international conferences.
- Mentor and supervise early-career researchers (R1/R2) and MSc/PhD students.
- Participate in strategic planning of research directions within the Research Unit and Centre-wide initiatives.
- Contribute to proposal development and the acquisition of competitive funding (e.g. Horizon Europe, national calls).
- Engage in stakeholder collaboration, interdisciplinary initiatives, and outreach/dissemination activities.

- Promote and apply best practices in research ethics, data management, and open science.
- Contribute to the dissemination of research outcomes and educational activities.
- Contribute to the development of educational programmes related to the research activities of the lab.

## **Development Goals and Career Path (aligned with R3 HRS4R profile)**

- Enhance leadership in research programme design and execution.
- Expand research collaborations at national, European, and international levels.
- Increase visibility through scientific publishing, conference organisation, and policy engagement.
- Support institutional strategy through innovation, mentoring, and community building.
- Strengthen contributions to scientific excellence and the sustainable energy transition.
- Build a foundation for successful progression according to the European framework for research careers.

## **Required Qualifications**

- PhD in 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.
- Minimum of 5 years of postdoctoral research experience or equivalent academic/industry experience.
- Proven track record of independent research and project coordination.
- Strong portfolio of peer-reviewed publications and contributions to knowledge advancement.
- Demonstrated experience in mentoring junior researchers or students.
- Familiarity with national and EU research funding programmes and proposal writing.
- Excellent leadership, communication, and team collaboration skills.
- Fluency in English (spoken and written); knowledge of Greek is an asset.

## **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

## 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 €3000 - €4200. From this amount, employee contributions to the Cyprus government funds will be deducted. Maternity leave will be granted based on Maternity Protection Law 1997(N.100(I)/1997), and the existing amendment laws. The 13<sup>th</sup> salary is incorporated in the monthly salary.

## Key Benefits

- Competitive remuneration 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, 27 June 2025 via email to [phaethon.vacancies@ucy.ac.cy](mailto:phaethon.vacancies@ucy.ac.cy) with reference number: "PHAETHON\_R3\_2025\_01".

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 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).

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 is an Equal Opportunities Employer.*