

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE

Research and Innovation Positions

KIOS Research and Innovation Center of Excellence (KIOS CoE)

The KIOS Research and Innovation Center of Excellence is the largest research center at the University of Cyprus and has recently been upgraded to a European Research Center of Excellence through the KIOS CoE Teaming project. Currently, the Center employs about 100 researchers (at various ranks/levels), who are supported by externally funded research projects. The vision of KIOS is that it will grow to 180-200 researchers by 2022.

KIOS provides an inspiring environment for carrying out top level research in the area of Information and Communication Technologies with emphasis on the Monitoring, Control and Security of Critical Infrastructures including power and energy systems, water networks, transportation networks, telecommunication networks and emergency management and response. The Center instigates interdisciplinary interaction and promotes collaboration between industry, academia and research organizations in high-tech areas of global importance. The KIOS CoE operates in a diverse environment as an equal opportunities employer.

The required skills and expertise for the sought-out researchers include one or more of the following areas: control systems, computational intelligence and machine learning, optimization and networks, embedded systems and Internet of Things, fault diagnosis, cyber-security, reliability, resiliency and fault tolerance, power and energy systems, telecommunication networks, intelligent transportation systems, and smart water networks. Motivated candidates with strong mathematical and/or algorithm and software development backgrounds are strongly encouraged to apply.

EMPLOYMENT TERMS

The positions are on a one-year contract basis, which is renewable based on performance. The KIOS Center of Excellence offers competitive salaries based on qualifications and experience. Furthermore, these research positions can be combined with the enrolment in the PhD programme.

QUALIFICATIONS

- Bachelor`s Degree and/or postgraduate degree (M.Sc., PhD) in Electrical Engineering or
- Computer Engineering or Computer Science or Mathematics or a related field from an accredited institution.

Previous research experience will be considered an advantage.

DUTIES AND RESPONSIBILITIES

The successful candidates will have the opportunity to conduct fundamental and/or applied research in the area of Information and Communication Technologies with emphasis on the Monitoring, Control and Security of Critical Infrastructure Systems. Depending on their qualifications and expertise, successful candidates will be responsible to prepare reports and project deliverables, contribute to the preparation of research proposals, algorithm and software development and assist in the supervision of undergraduate students. Furthermore, successful candidates will be encouraged to publish their research results in international conferences and journals.

Interested candidates should submit the following items online on the link: <https://applications.ucy.ac.cy/recruitment>

- i. Cover letter that specifies their employment availability date as well as the research area that they apply to (a candidate may apply in more than one area).
- ii. Short description of their academic and research experiences (can be combined with the cover letter) (1 page maximum)
- iii. A detailed curriculum vitae in English or in Greek
- iv. Copies of transcripts of BSc/MSc/PhD degree(s)
- v. Two reference letters uploaded directly from the referees

For more information please contact the KIOS Center of Excellence, by phone at +357 22893450/51/60 or via e-mail at kioshiring@ucy.ac.cy