

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE Research and Innovation Positions

Title	: Assistant Researcher, Research Associate, Research Fellow
No. of Positions	: Fifteen (15) Positions
Category	: Employment contract
Location	: University of Cyprus, Nicosia, Cyprus.

The KIOS Research and Innovation Center of Excellence at the University of Cyprus announces 15 research positions, for full time or part time employment, funded by the European Union under multiple projects including the flagship KIOS CoE Teaming project, the prestigious ERC Advanced Grant «Fault-Adaptive Monitoring and Control of Complex Distributed Dynamical Systems» and the recently selected H2020 project “FLEXITRANSTORE: An integrated platform for increased flexibility in smart transmission grids with storage entities and large penetration of renewable energy sources”.

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, with significant funding in excess of 40 million euros over the next 15 years. Currently, the Center employs about 70 researchers, who are supported by externally funded research projects while the vision of the KIOS Center of Excellence is that it will grow to 150-200 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 required skills and expertise for the announced positions include one or more of the following areas: Power and energy systems, telecommunication networks, intelligent transportation systems, smart water networks, 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. Candidates with strong background in electric power systems, smart grids and renewables or telecommunication systems/networks or systems and control are especially sought. Motivated candidates with strong mathematical and/or algorithm and software development backgrounds are strongly encouraged to apply. The announced research positions can be combined with the enrolment in the PhD programme.

EMPLOYMENT TERMS

The positions are on a contract basis. Initially a one-year contract will be offered but this is renewable based on performance and the availability of funding, for multiple years without any limitation. The monthly salary includes employee's contributions, depends on the candidate's qualifications and expertise and will be between €1000-€2000 for BSc/MSc holders and

between €1800-€3000 for PhD holders. The 13th salary bonus is incorporated in the monthly salary. The positions do not include medical insurance coverage, however the University of Cyprus provides the opportunity, if the employee desires so, to become a member at the State's healthcare plan (annual cost per person € 600) or join the private health care plan (cost of 5.5% of gross salary). Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012.

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
- ii. A detailed curriculum vitae in English or in Greek
- iii. Copies of transcripts of BSc/MSc/PhD degree(s)
- iv. Short description of their academic and research experiences (1 page maximum).
- v. The names and contact details of at least two University professors from whom references may be requested

The applications should be submitted as soon as possible, but not later than **Friday, 29th September, 5:00pm**. The evaluation of the applications will begin immediately. For more information please contact the KIOS Center of Excellence, by phone at +357 22893450/51 or via e-mail at kios@ucy.ac.cy