ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΥΠΡΟΥ
ΜΕΤΑΠΤΥΧΙΑΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΚΑΙ ΘΕΣΕΙΣ ΓΙΑ ΕΡΕΥΝΑ
University of Cyprus: Announcements for Msc program and Job positions

Αφορά προκηρύξεις που απευθύνονται σε κατόχους Bachelor Degree, Master ή και PhD, ως εξής:

1. Από το Τμήμα Ιστορίας & Αρχαιολογίας του University of Cyprus:

- **Δέκα (10) θέσεις για μεταπτυχιακές σπουδές,** με αντικείμενο : "MSc in Digital Heritage and Landscape Archaeology". Καταληκτική ημερομηνία υποβολής δικαιολογητικών **31/3/ 2022**. (σελ.2)

2. Από το KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE του University of Cyprus:

- **Δύο (2) θέσεις για έμμισθη μεταδιδακτορική έρευνα,** στο πρόγραμμα: "Water-Futures: Designing the Next Generation of Urban Drinking Water Systems". Καταληκτική ημερομηνία υποβολής δικαιολογητικών **15/4/2022.** (σελ. 5)

- **Μία (1) θέση για έμμισθη μεταδιδακτορική έρευνα,** στο πρόγραμμα: "SESAME-Multi-Robot Systems" (focusing on collaborative drone systems and their emerging challenges in resiliency and security). Καταληκτική ημερομηνία υποβολής δικαιολογητικών **1/4/2022.** (σελ. 8)

- **Μία (1) θέση Software Engineer για έμμισθη έρευνα,** στο πρόγραμμα: "Multi-robotic Systems, under the H2020 SESAME" (Secure and Safe Multi-Robot Systems). Καταληκτική ημερομηνία υποβολής δικαιολογητικών **14/3/2022.** (σελ. 11)

- **Μία (1) θέση για έμμισθη έρευνα,** στο πρόγραμμα: "Research Engineer for Risk Management". Καταληκτική ημερομηνία υποβολής δικαιολογητικών **11/3/2022.** (σελ. 14)

Αναλυτικές πληροφορίες για κάθε μία από τις προαναφερόμενες προκηρύξεις (απαιτούμενα προσόντα, δικαιολογητικά που πρέπει να υποβληθούν, μηνιαίες απολαβές, κ.λ.π) παρατίθενται στις επόμενες σελίδες.

Για επιπρόσθετες πληροφορίες ή διευκρινήσεις οι υποψήφιοι μπορούν να επικοινωνήσουν με την κ. Παναγιώτα Χαραλάμπους-Ματσούκα (charalambous.panayiota@ucy.ac.cy , τηλεφ.: +357-22894159).

POSTGRADUATE PROGRAMME PLACES

FOR THE ACADEMIC YEAR 2022-2023

ENTRY SEPTEMBER 2022

The University of Cyprus announces that it will be accepting applications for the following postgraduate programme beginning in **September 2022**, by **Thursday 31ˢᵗ of March 2022 until 12 noon.**

DEPARTMENT OF HISTORY AND ARCHAEOLOGY

Ten **(10**) places are available for the new postgraduate programme

MSc in Digital Heritage and Landscape Archaeology".

The programme is taught in **English.**

Candidates should hold a BA degree in Archaeology, History, Classics, Anthropology or other related fields of research (History of Art, Architecture, Geography, Geology, Topography, Environmental Sciences, Biology, Physics, Chemistry, Computer Science, Engineering) from recognized universities.

Graduates of the University of Cyprus and Greek Universities must have an undergraduate diploma with a cumulative grade of **6,5** or higher. The equivalent is required for graduates from other universities. The applicants must also speak English at a satisfactory level.

The applications should include the following:

1. A Curriculum Vitae
2. Certified copies of University degrees or confirmation of graduation
3. Copy of English language certificate: (a) for admission of international students, (b) for admission to an English-language postgraduate programme, (c) for admission to a postgraduate programme where knowledge of English is a prerequisite. Applicants

must speak English at a satisfactory level: GCE or TOEFL with a grade "B" or higher for GCE- O' level, and 600 for TOEFL or 6.5 for IELTS (this does not apply to native speakers or holders of a degree from an English speaking University).
4. Copies of Transcripts for all programmes of study graduate and undergraduate.
5. A brief (1 page / up to 650 words) statement of personal goals and research interests (in English).
6. The names and emails of at least two (2) referees (University Professors) familiar with the candidate and his/her academic performance. Candidates should request letters of recommendation to be sent directly to the University. The Department may request additional confidential information from referees. The reference letters are electronically submitted through the online application system.

Candidates who meet the necessary requirements will be called for an interview.

A number of fee-waiver scholarships will be offered to the best full-time registered candidates admitted in the graduate programme.

More Information:

Programme Coordinator: Professor Apostolos Sarris, Telephone: +357 – 22893572. +30 - 6944789404
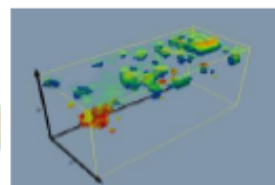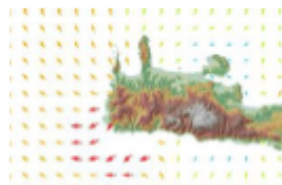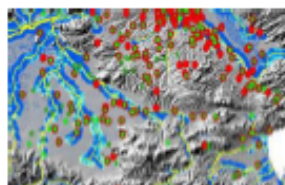
Email: asarri01@ucy.ac.cy

Department's Secretary: Tel: 22 892180, 22 893560, Fax: 22 895068

Email: http://www.ucy.ac.cy/hisarch/en/

Submission of applications:

Applications can be submitted electronically using the online application system http://ucy.ac.cy/postgraduate_appl_en by **Thursday, 31st March 2022 until 12 noon.**

It is the applicant's responsibility to ensure that their application has successfully been submitted. Upon successful submission, the candidate will receive an automated confirmation e-mail.

Digital Heritage and Landscape Archaeology
Graduate Program (MSc.)

For further information:

Archaeological Research Unit
Dept. of History & Archaeology
University of Cyprus
P.O Box 20537, 1678 Nicosia
Telephone: +357 22 893560
Email: archlgy@ucy.ac.cy

Program Coordinator:

Prof. Apostolos Sarris
"Sylvia Ioannou" Chair on Digital
Humanities
Tel.: +357 22 893568,
      +30 6944 789404
Email: asarri01@ucy.ac.cy

Program Web site:

https://www.ucy.ac.cy/mscgidh/

The Master's program (MSc.) **Digital Heritage and Landscape Archaeology** of the University of Cyprus is a unique postgraduate program in the area of the E. Mediterranean that offers a concrete interdisciplinary academic course platform dealing with the application of **Spatial Technologies and GeoInformatics** in the wider domain of Digital Humanities. The program acts as an interface between New Technologies and the Humanities, exposing students to the latest spatial technological developments, providing hands-on training and skills to different instrumentation and software, promoting a critical perspective of their application in terms of addressing archaeological and historical oriented questions and opening a dialogue between different disciplines. The MSc. program is implemented under the auspices of the Sylvia Ioannou Foundation. **A number of tuition fee waiver scholarships will be granted** to the best candidates according to the points earned in the course of admission.

Why Choose the University of Cyprus?

The University of Cyprus ranks among the Top 150 Institutions in Archaeology worldwide in the QS World University Rankings 2019 and 2020.

The University emphasizes on the international students and has created a fertile ground for conducting research in collaboration with world-wide internationally recognized researchers and Institutions.

At the same time, the weather and the historical and ancient landmarks of Cyprus offer a stimulating environment to work.

Entry Requirements

• Digital copy/ies of Bachelor degree/s from a recognized University with a cumulative average of 6.5/10 or higher.
• University Transcript
• Two reference letters
• Curriculum Vitae & Letter of intent
• English language certificate TOEFL >600, IELTS >6.5)

Prospective students form disciplines of Archaeology/Anthropology, History, History of Art, Architecture, Geography/Earth/Environmental Sciences, Topography, Physics, Computer Science, Engineering...

https://applications.ucy.ac.cy/postgraduate_appl/MNG_USER_en.login_frm

Courses 2 semesters + 1 Semester MSc. thesis

Core Module
• Introduction to GIS Technologies (GIS I)
• Geospatial Analysis and Modelling in GIS
• Applications of GeoInformatics in Archaeology
• Computational & Analytic Techniques
• Advanced Topics in Digital Humanities

Elective
• Settlement and Landscape Archaeology
• Maritime Cultural Landscape
• Mediterranean Island Landscapes
• Introduction to Cultural Heritage Management
• Practical Training in Field Archaeology

Official Language of the Program: ENGLISH

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE
UNIVERSITY OF CYPRUS
ERC Synergy Grant Research Positions

Title   : Special Scientist for Research [Research Associate](), [Post-Doctoral Researcher]()
No. of Positions : Two (2) positions
Location   : University of Cyprus, Nicosia, Cyprus.

The KIOS Research and Innovation Center of Excellence (www.kios.ucy.ac.cy) at the University of Cyprus (https://www.ucy.ac.cy) announces two research positions, for full-time employment. The successful candidates will have the opportunity to conduct research with **Prof. Marios Polycarpou** towards the goals of the flagship **ERC Synergy Grant** entitled **Water-Futures: Designing the Next Generation of Urban Drinking Water Systems** (https://waterfutures.eu).

The required skills and expertise for the announced positions include one or more of the following areas:
- Fault Diagnosis
- Systems and Control Theory
- Optimization
- Machine Learning
- Water Distribution System Analysis/Hydroinformatics

University of Cyprus

The University of Cyprus was officially founded in 1989 and started operating in Nicosia, the capital of Cyprus, in 1992. Within a short time, the University of Cyprus managed to achieve international recognition through an impressive course of development. Today, it is ranked 67th young university (under 50 years) and #251-300 worldwide in Engineering and Technology by the Times New Higher Education Rankings.

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 more than 170 people, who are supported by externally funded research and innovation projects.

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.

ERC Synergy Grant Water-Futures (https://waterfutures.eu)

The world population living in urban areas is expected to increase to 70% of 9.7 billion by 2050. Historically, as cities grew, new water infrastructures followed as needed. However, these developments had less to do with real planning than with reacting to crisis situations and urgent needs, due to the inability of urban water planners to consider long-term, deeply uncertain and ambiguous factors affecting urban development and water demand. These, coupled with increasing uncertain climate conditions, indicate the need for a more holistic and intelligent decision-making framework for managing water infrastructures in the cities of the future.

This project aims to develop a new theoretical framework for the allocation and development decisions on drinking water infrastructure systems, so that they are socially equitable, economically efficient and environmentally resilient, as advocated by the UN Agenda 2030, Sustainable Development Goals. The framework will integrate real-time monitoring and control with long-term robustness and flexibility-based pathway methods, and incorporate economic, social, ethical and environmental considerations for sustainable transitioning of urban water systems under deep uncertainty with multiple possible futures.

The Water-Futures team will build on synergies from the four research groups, transcending methodologies from water science (Prof. Dragan Savic, KWR/Exeter), systems and control theory (Prof. Marios Polycarpou, KIOS CoE/UCY), economics and decision science (Prof. Phoebe Koundouri, AUEB), and machine learning (Prof. Barbara Hammer, BU), into an integrated decision and control framework.

Our research team at the University of Cyprus focuses on the theory and application of monitoring and control in urban water distribution systems, while considering their evolution in time, unpredictable events such as contamination, device faults and failures, as well as the evolution of risk in the system and the presence of humans-in-the-loop.

Job details:

Short Description – Duties and Responsibilities:

The successful candidate will be responsible to conduct fundamental and/or applied research in the area of Information and Communication Technologies, with emphasis on the Monitoring, Control and Security of Water Distribution Systems. Depending on their qualifications and expertise, the successful candidate may be responsible to prepare reports and project deliverables, contribute to the preparation of research proposals, and assist in the supervision of undergraduate students. Furthermore, the successful candidate is expected to publish his/her research results in top international conferences and journals.

Profile of the ideal candidate:

The ideal candidate must be able to work independently and/or in a team in fundamental and/or applied research. The ideal candidate must be able to produce, publish, and present research results in high quality conferences and journals, attend academic and/or other conferences and seminars for further personal and professional development, possibly assist in the preparation of research proposals, present periodically to KIOS personnel the progress of their research, and assist in the training, education, and dissemination activities of the KIOS CoE.

Qualifications and Experience:

- Bachelor's or/and Master's Degree in Electrical Engineering or Computer Engineering or Computer Science, or Mathematics, or a related field from an accredited institution

- Doctorate degree or equivalent in the subject areas directly related to Information and Communication Technologies or Engineering and Technology, or other related field from an accredited institution

Employment Terms:

The position is on a contract basis. Initially, a one-year contract will be offered, which is renewable based on performance. The gross monthly salary depends on the candidate's qualifications and expertise and will be between €1900 - €3200. From this amount, employee contributions to the Cyprus government funds will be deducted. The 13th salary bonus is incorporated in the monthly salary. Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012.

Application:

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

- Cover letter that specifies their employment availability date
- Short description of their academic and research experiences (can be combined with the cover letter) (1-page maximum)
- A detailed curriculum vitae in English
- Copies of transcripts of BSc/MSc/PhD degree(s)
- The names and contact information of at least two academics, who can provide reference letters upon request.

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

The applications should be submitted as soon as possible, but not later than **Friday, 15th April 2022, at 5 pm.** The evaluation of the applications will begin immediately after receipt. For more information, please contact Prof. Marios Polycarpou (mpolycar@ucy.ac.cy), or the KIOS Center of Excellence, by phone at +357 22893460 or via e-mail at kioshiring@ucy.ac.cy .

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE
UNIVERSITY OF CYPRUS
RESEARCH POSITION (Multi-Robot Systems)

Title   : Special Scientist for Research (Research Associate, Post-Doctoral Researcher)
No. of Positions   : One (1)
Category   : Employment contract
Location   : University of Cyprus, Nicosia, Cyprus

The **KIOS Research and Innovation Center of Excellence** (www.kios.ucy.ac.cy) at the University of Cyprus (https://www.ucy.ac.cy) announces one (1) research position, for full-time employment. The successful candidate will conduct research in multi-robot systems, within the general scope of the European H2020 research project **"SESAME - Secure and Safe Multi-Robot Systems"**, in collaboration with the KIOS CoE SESAME team.

The SESAME project (www.sesame-project.org) is a Horizon 2020 project involving 17 partners, and consisting of universities and research institutes, leading robotics manufacturers and technology providers and agricultural and government organizations that rely on robotic systems. Partners are based in Austria, Cyprus, Germany, Greece, Italy, Luxembourg, Switzerland, and the United Kingdom. The successful candidate is expected to conduct top-quality research on Multi-Robot Systems (MRS) **focusing on collaborative drone systems and their emerging challenges in resiliency and security, for monitoring and emergency response applications.**

Research and key technological advances being considered include:

- Machine learning for MRS tasks and scenarios that are adaptable and reusable to exploit past knowledge and experience for subsequent tasks
- Advanced automation of effective safety and security analysis during MRS design providing substantial savings in time and costs
- Novel forms of safety and security assurance using advanced run-time monitoring capabilities
- Seamless configuration and reconfiguration at design and run-time enabling MRS to be rapidly adapted for different applications and scenarios

The successful candidate will be able to conduct research in one or more of the above areas. Moreover, he/she is expected, in the context of the SESAME project, to:

- Help KIOS offer its technical expertise for developing and implementing the multi-robotic coordination and data collection system, concentrating on collaborative drone systems, and

- Collaborate with the Cyprus Civil Defense to evaluate the newly developed technologies of SESAME related to reliability, safety, security, using multi-robot systems with drones, for emergency response applications.

University of Cyprus

The University of Cyprus was officially founded in 1989 and started operating in Nicosia, the capital of Cyprus, in 1992. Within a short time, the University of Cyprus managed to achieve international recognition through an impressive course of development. Today, it is ranked 67th young university (under 50 years) and #251-300 worldwide in Engineering and Technology by the Times New Higher Education Rankings.

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 more than 170 people, who are supported by externally funded research and innovation projects. 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.

Job Details

Duties and Responsibilities:

The successful candidate will be responsible to conduct fundamental and/or applied research in the area of dependable multi-robot systems. Depending on their qualifications and expertise, the successful candidate may be responsible to prepare reports and project deliverables, contribute to the preparation of research proposals, and assist in the supervision of graduate and/or undergraduate students and/or other researchers. Furthermore, the successful candidate is expected to publish their research results in top international conferences and journals.

Profile of the ideal candidate:

The ideal candidate must be able to work independently and/or in a team in fundamental and/or applied research, typically in the context of research and/or innovation projects. The ideal candidate must be able to produce, publish, and present research results in high quality conferences and journals and/or engage in innovation activities and transfer of knowledge, be able to prepare reports and project deliverables for the KIOS CoE project(s) (in particular for the SESAME project), attend academic and/or other conferences and seminars for further personal and professional development, assist in the preparation of research and/or innovation proposals, present periodically to KIOS personnel the progress of their research, and assist in the training, education, and dissemination activities of the KIOS CoE.

Qualifications and Experience:

- Bachelor's or/and Master's Degree in Electrical Engineering or Computer Engineering or Computer Science or a related field from an accredited institution
- Doctorate degree or equivalent in the subject areas directly related to Information and Communication Technologies or Engineering and Technology, or other related field from an accredited institution

Employment Terms:

The position is on a contract basis. Initially, a one-year contract will be offered, which is renewable based on performance for multiple years and beyond the scope of the SESAME project. The gross monthly salary depends on the candidate's qualifications and experience and will be between €1900 - €3100. From this amount, employee contributions to the Cyprus government funds will be deducted. The 13th salary bonus is incorporated in the monthly salary. Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012.

Application:

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

- Cover letter explaining the interest of the applicant in pursuing a career at the KIOS CoE, along with employment availability date
- Short description of their academic and research experiences (1 page maximum)
- A detailed curriculum vitae in English
- Copies of bachelors/masters/PhD degree(s) certificates and transcripts
- The names and contact details of at least two academics, who can provide reference letters upon request.

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 applications should be submitted as soon as possible, but not later than **Friday, 1st of April 2022, at 5 pm**. The evaluation of the applications will begin immediately. For more information, please contact Prof. Maria K. Michael (mmichael@ucy.ac.cy), or the KIOS Center of Excellence, by phone at +357 22893460 or via e-mail at kioshiring@ucy.ac.cy .

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE
UNIVERSITY OF CYPRUS
Software Engineer Position (Multi-Robot Systems)

Title   : Special Scientist for Research (Software Engineer)
No. of Positions : One (1)
Category   : Employment contract
Location   : University of Cyprus, Nicosia, Cyprus

The KIOS Research and Innovation Center of Excellence (www.kios.ucy.ac.cy) at the University of Cyprus announces one (1) Software Engineer position for full-time employment. The successful candidate will analyze, design, implement, maintain, and document software solutions, focusing on **Multi-robotic Systems, under the H2020 SESAME (Secure and Safe Multi-Robot Systems)** KIOS project funded by the European Union.

Who we are:

The **KIOS Research and Innovation Center of Excellence** is the largest research center at the University of Cyprus and in 2017 was upgraded to a European Research Center of Excellence through the KIOS CoE Teaming project. Currently, the Center employs more than 170 people who are supported by externally funded research and innovation projects. The KIOS CoE operates in a diverse environment as an equal opportunity employer.

What we do:

KIOS provides an inspiring environment for carrying out top level research and innovation in the area of Information and Communication Technologies, with emphasis on the Monitoring, Control and Security of Critical Infrastructures. Such infrastructures include 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.

Why work at KIOS:

You will have the opportunity to work on seminal research and innovation projects, with great impact on the community end the environment, not only in a local but also in a global scale.

In KIOS we strive to create a multicultural, diverse and inclusive workplace and we strongly support the continuous personnel evolvement and development, both personally and professionally, to fulfill your long-term goals. We offer internal and external professional training, covering both technical and soft skills, to suit yours and the Center's needs.

Job Details

The successful candidate will contribute towards the software development cycle, such as identifying software system requirements, perform software system analysis, design and implement software programs/systems, maintain (review, troubleshoot, debug and upgrade) existing systems and develop program and/or system documentation, including description reports, user-manuals, administrator-manuals, flowcharts, layouts, and diagrams, related to the EU H2020 project **SESAME** (Secure and Safe Multi-Robot Systems).

SESAME is a Horizon 2020 research project addressing key aspects of Multi-Robot Systems including emergent behavior, uncertainties in the operating environments, variability of robotic hardware platforms, security threats and safety issues.

The KIOS CoE will offer its technical expertise **for developing and implementing the multi-robotic coordination and data collection system, concentrating on collaborative drone systems**. Furthermore, KIOS in collaboration with the Cyprus Civil Defense are responsible to **evaluate new technologies related to reliability, safety, security, using multi-robot systems with drones, for emergency response applicatio**ns. For more information on the SESAME project you can visit www.sesame-project.org

Duties and Responsibilities:

The successful candidate is expected to be trained and work on one or more of the following:

- Develop and implement the multi-robotic coordination and data collection system.
- Develop and design autonomous robotic systems software.
- Develop and implement scalable AI algorithms through the ROS operating system (e.g., motion planning, decision-making, object detection and coordination of multiple autonomous systems).
- Implement and evaluate algorithms in a simulation environment and perform real-world field tests.

Profile of the ideal candidate:

- Attention to detail
- Problem solver
- Team-player
- Be reliable and trustworthy
- Be flexible and eager to learn
- Be able to adapt in a fast-paced dynamic environment
- Have good communication, organizational and self-management skills
- Very good knowledge of the English language

Qualifications and Experience:

- Bachelor's and/or Master's degree in Electrical/Computer Engineering, Computer Science or other relevant field from an accredited institution.
- Hands-on attitude.
- Expertise in programming with C++ and Python within the Linux environment.
- Expertise in developing and implementing machine learning/AI and Vision algorithms, ideally for autonomous robotic systems, will be considered a plus.
- Expertise with drones, autonomous systems and robotics software (e.g., ROS) will be considered a plus.

Employment Terms:

The position is on a contract basis. Initially, a one-year contract will be offered, which is renewable based on performance for multiple years and beyond the scope of the SESAME project. The gross monthly salary depends on the candidate's qualifications and experience and it will be between **€1750-€2500**. From this amount, employee contributions to the Cyprus government funds will be deducted. The 13th salary bonus is incorporated in the monthly salary. Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012.

Application:

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

- Cover letter explaining the interest of the applicant in pursuing a career at the KIOS CoE, along with employment availability date
- Short summary of prior work experiences, activities and accomplishments (can be combined with the cover letter) (2 pages maximum)
- Copies of transcripts of BSc/MSc or other degree(s)
- A detailed curriculum vitae in English or in Greek
- Identify at least two referees that can provide reference letters.

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 applications should be submitted as soon as possible, but not later than **Monday, 14 of March 2022, at 5 pm**. The evaluation of the applications will begin immediately. **Candidates will be informed of the result of their application by the KIOS CoE**.

For more information, please contact the KIOS Center of Excellence, by phone at +357 22893460 or via e-mail at kioshiring@ucy.ac.cy.

KIOS RESEARCH AND INNOVATION CENTER OF EXCELLENCE
Research Engineer for Risk Management

Title   : Special Scientist for Research (Research Engineer)
No. of Positions   : One (1)
Category   : Employment contract
Location   : University of Cyprus, Nicosia, Cyprus

The KIOS Research and Innovation Center of Excellence (CoE) (www.kios.ucy.ac.cy) at the University of Cyprus announces one (1) **Research Engineering position focusing on Risk Management** for full-time employment. We are looking for an enthusiast, self-motivated research engineer to conduct research and development activities within the context of research and innovation, as well as provide technical and research support in the area of risk management in electric utilities. Additionally, will implement and/or support ongoing and new projects (under the KIOS Innovation Hub) in order for the Center to achieve its strategic objectives. The candidate will have the chance to work and interact with a large industrial organization in the energy sector in order to conduct applied research in the area of risk management.

Who we are:

The **KIOS Research and Innovation Center of Excellence** is the largest research center at the University of Cyprus and in 2017 was upgraded to a European Research Center of Excellence through the KIOS CoE Teaming project. Currently, the Center employs more than 170 people who are supported by externally funded research and innovation projects. The KIOS CoE operates in a diverse environment as an equal opportunity employer.

What we do:

KIOS provides an inspiring environment for carrying out top level research and innovation in the area of Information and Communication Technologies, with emphasis on the Monitoring, Control and Security of Critical Infrastructures. Such infrastructures include 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.

Why work at KIOS:

You will have the opportunity to work on various high-profile projects with great impact on society, not only on a local but also on a global scale.

In KIOS we strive to create a multicultural, diverse, and inclusive workplace and we strongly support the continuous personnel evolvement and development, both personally and professionally, to fulfill your long-term goals. We offer internal and external professional training, covering both technical and soft skills, to suit your and the Center's needs.

Job Details

Duties and Responsibilities:

The successful candidate will be responsible for carrying out the below duties and responsibilities:

- Develop methodologies for risk evaluation in the working environment of an electric utility
- Design and implement effective processes to monitor all the risks
- Develop risk mitigation strategies according to several international standards
- Analyze and report the risks through statistics and smart tools
- Assist and work on the development of software for risk evaluation, monitoring and mitigation
- Develop training material related to risk management
- Prepare project reports and deliverables.

Profile of the ideal candidate:

- Creative thinker
- Self-motivated
- Attention to detail
- Problem solver
- Team-player
- Reliable and trustworthy
- Flexible and eager to learn
- Able to adapt in a fast-paced dynamic environment
- Good communication and organizational skills
- Very good knowledge of the English language
- Genuine interest in risk management and energy sector

Qualifications:

- Bachelor's and/or Master's degree in Electrical Engineering or other relevant field from an accredited institution.
- Previous experience will be considered an advantage.

Employment Terms:

The positions are on a contract basis. Initially, a one-year contract will be offered, which is renewable based on performance. The gross monthly salary depends on the candidate's qualifications and experience and will be between €1500 and €2500. From this amount, employee contributions to the Cyprus government funds will be deducted. The 13th salary bonus is incorporated in the monthly salary. Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012.

Application:

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

- Cover letter explaining the interest of the applicant in pursuing a career at the KIOS CoE, along with employment availability date
- Short summary of prior work experiences, activities and accomplishments (can be combined with the cover letter) (2 pages maximum)
- A detailed curriculum vitae in English or Greek
- Copies of transcripts of BSc/ MSc or other degree(s)
- Identify at least two referees that can provide reference letters.

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 applications should be submitted as soon as possible, but no later than **Friday, 11th of March 2022**, at 5 pm. The evaluation of the applications will begin immediately. **Candidates will be informed of the result of their application by the KIOS CoE.**

For more information, please contact the KIOS Center of Excellence, by phone at +357 22893460 or via e-mail at kioshiring@ucy.ac.cy.