

DEPARTMENT OF ARCHITECTURE

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

ONE (1) POSITION FOR A SPECIAL SCIENTIST FOR RESEARCH

TITLE: Special Scientist for Research

POSITION: One (1)

CATEGORY: Full-Time employment (140 hours/month), contract for one (1) year (subject to renewal)

PLACE OF WORK: University of Cyprus, Nicosia.

The Energy & Environmental Design of Buildings Research Laboratory (EEDB) of the Department of Architecture and Ledra Building Materials Laboratories of the Civil and Environmental Engineering Department at the University of Cyprus, would like to announce one (1) vacant Full time Position (140 hours/month) of a Special Scientist for Research for the external research project:

Development of a novel eco-friendly and sustainable masonry brick – EcoSuBrick (CODEVELOP-GT/0322/0079)

which includes industrial research and experimental development activities and aims to develop a new environmentally sustainable masonry brick in the framework of sustainable industrial production.

QUALIFICATIONS AND SKILLS:

- Bachelor diploma/degree in Mechanical or Civil Engineering.
- Master degree in Thermal or Environmental Engineering will be considered as an advantage.
- Knowledge of heat transfer modeling in solid porous media at COMSOL Multiphysics Software.
- Knowledge of heat transfer modeling in Ansys software will be considered as an advantage.
- Basic knowledge of the principles of life cycle analysis (LCA).
- Knowledge of an LCA software will be considered as an advantage.
- Ability to work in an interdisciplinary environment.
- Excellent knowledge of the English language.

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.

Furthermore, they may join the doctoral study programs of the UCY.

DUTIES AND RESPONSIBILITIES:

- Thermal modeling of the brick.
- Thermal modeling of the masonry that will be made from the brick.
- Calculation and evaluation of the embodied energy of the brick.
- Calculation of the life cycle environmental impact of the brick.
- Writing manuscripts for publication in conference proceedings and scientific journals.
- Writing research proposals.

TERMS OF EMPLOYMENT:

The position is for full time employment (i.e. 140 hours per month) on a contract basis for 12 months, with the possibility of renewal, upon successful progress evaluation at the end of the first year. The monthly gross salary is up to €1.900 depending on the qualifications and experience of the successful candidate. From this amount, employee contributions to the various Government Funds will be deducted. There is no provision for 13th Salary.

Interested candidates should submit the following items in a combined PDF file:

1. Cover letter explaining the interest of the applicant for this post, along with employment availability date.
2. A detailed curriculum vitae.
3. A brief summary of prior work experiences, activities and accomplishments (can be combined with the cover letter) (2 pages maximum).
4. List of publications (optional).
5. Copies of degrees and transcripts of Bachelor and/or Master's degree(s)
6. Name and contact details of two referees for recommendation letters.

The selected candidates will be asked to provide certified copies of degrees from the Ministry of Education, Sports and Youth (in the case of degrees from Universities in Cyprus) or from the Issuing Authority (in the case of Universities abroad).

The candidates should submit their applications via email to moudourou.chrystalla@ucy.ac.cy and CC to Dr. Apostolos Michopoulos (michopoulos.apostolos@ucy.ac.cy) Senior Researcher of Department of Architecture, and Dr. Ioannis Ioannou (ioannis@ucy.ac.cy) Professor of Civil and Environmental Engineering Department at the University of Cyprus.

For more information, interested candidates may contact:

Dr. Apostolos Michopoulos (michopoulos.apostolos@ucy.ac.cy) or Prof. Ioannis Ioannou (ioannis@ucy.ac.cy)

At least the best three candidates that satisfy the required qualifications will be interviewed by a 3-member Committee.

Candidates shall be informed of the result of their application by the relevant entity.

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 University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as the elimination of all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members will feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage and respect diversity, and ensure dignity both in the workplace and society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, while it is committed to promoting and maintaining a working, teaching, and learning environment, free from any form of discrimination, whether direct or indirect.