# CYPRUS UNIVERSITY OF TECHNOLOGY

## ACADEMIC AFFAIRS AND STUDENT WELFARE SERVICE

**Postgraduate Studies Office**
Tel. + 357 25 002710/11, 25002412, Fax + 357 25 002682
www.cut.ac.cy/studies

**October 2015**

## APPLICATIONS FOR ADMISSION TO DOCTORAL STUDIES IN CYPRUS UNIVERSITY OF TECHNOLOGY

## DEPARTMENT OF MULTIMEDIA AND GRAPHIC ARTS

- Two **(2)** posts in the research area of: «**Social Computing and Learning**»

Candidates for this post should possess:
1. Postgraduate Degree of Master's level from accredited Universities in Education, Educational Technology, Computer Science or any related field.
2. Very good knowledge of English language.
3. Ability to organize and carry out research work independently.
4. Excellent technology skills and ability to quickly learn new technologies.
5. Additional qualifications will be considered: Prior experience in submitting research proposals or participating in research programs, computer programming skills, knowledge of quantitative and qualitative research methods.

Beyond the requirements that the university requests to apply for the doctoral programme, your application must include (in English) a letter of interest or statement of purpose, that explains/describes why you wish to undertake the specific studies, your research objectives and other relevant information (2-3 pages).

The successful candidate will be assigned to the "Cyprus Interaction Lab" http://cyprusinteractionlab.com/. In parallel to his/her doctoral studies the successful candidate may be employed in currently active research programs and will be assigned teaching-related

duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement.

For more information please contact:
Andri Ioannou, Assistant Professor, Department of Multimedia and Graphic Arts
Cyprus University of Technology
tel. +357 2500 2276
email: andri.i.ioannou@cut.ac.cy
http://andriioannou.weebly.com/
http://cyprusinteractionlab.com/ | www.cut.ac.cy

• One **(1)** post in the topic **«2D and 3D Face Image Processing for Biometric Security Applications»**

Candidates for this post should possess:
1. Postgraduate Degree of Master's level from accredited Universities in Computer Science or Electronic Engineering or any related field
2. Excellent computer programming skills in a high level programming language
3. Ability to organize and carry out research work independently.
4. Very good knowledge of English language.
5. Prior experience in submitting research proposals or participating in research programs will be considered as an additional qualification.

The successful candidate will be assigned to the "Visual Media Computing Research Lab" (http://www.cut.ac.cy/mga/research/vmc/). In parallel to his/her studies the successful candidate may be employed in currently active research programs and will be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement. For more information about the posts and employment opportunities please contact:

Andreas Lanitis
Associate Professor
Director, Visual Media Computing Research Lab,
Dept. of Multimedia and Graphic Arts
andreas.lanitis@cut.ac.cy
Tel: +357 25002569

· One **(1)** post in the topic **«Smart Virtual Reality Applications"**

Candidates for this post should possess:

1. A Postgraduate Degree of Master's level from accredited Universities in Multimedia or Computer Science or any related field
2. Experience in designing and implementing virtual reality applications
3. Very good computer programming skills in a high level programming language
4. Ability to organize and carry out research work independently.
5. Very good knowledge of English language.
6. Prior experience in submitting research proposals or participating in research programs will be considered as an additional qualification.

The successful candidate will be assigned to the "Visual Media Computing Research Lab" (http://www.cut.ac.cy/mga/research/vmc/). In parallel to his/her studies the successful candidate may be employed in currently active research programs and will be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement. For more information about the posts and employment opportunities please contact:

Andreas Lanitis
Associate Professor
Director, Visual Media Computing Research Lab,
Dept. of Multimedia and Graphic Arts
andreas.lanitis@cut.ac.cy
Tel: +357 25002569

Two **(2)** posts in:

**Experimental Virtual Reality using biosignals acquisition**
**Or**
**Experimental Virtual Reality using VR technologies enhancing embodiment**

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level* from accredited Universities in Computer Science, Computer Engineering, or other related field.
2. Excellent programming skills
3. Excellent knowledge of C/C++ programming language and/or excellent knowledge of a game engine
4. Ability to work independently on research projects
5. Excellent knowledge of English language (spoken and written)

6.      The following will be considered as additional qualifications:
- experience in programming using OpenGL library
- experience in GPU programming
- experience in submitting research proposals and/or participation in research projects
- very good knowledge of a 3D modelling software

* In cases where the candidate demonstrates EXCEPTIONAL academic performance; holding a postgraduate degree may not be a restrict requirement to apply for this position. (Even though it is highly recommended)

For this position, applications are accepted only for full time studies.

The successful candidate(s) will be assigned to the research lab of Department of Multimedia and Graphic Arts, Microsoft Computer Games and Emerging Technologies (GET Lab – http://www.getlab.org) and will take part in the research activities of the lab.

The successful candidate(s) may be assigned teaching-related duties, with appropriate reimbursement, at the Department of Multimedia and Graphic Arts, based on the needs of department per academic year or/and research responsibilities at GET Lab.

Successful candidates with excellent academic qualifications may be hired as researchers at research projects that GET Lab coordinates or/and participates (http://getlab.org/projects/).

For more information in academic matters:
Dr. Despina Michael
Director, Microsoft Computer Games and Emerging Technologies Research Lab
Lecturer, Department of Multimedia and Graphic Arts
Cyprus University of Technology
Email.:         despina.michael@cut.ac.cy   Tel.:           +357 25002183
For information regarding applications submission:
http://www.cut.ac.cy


Despina Michael



•       One **(1)** post in the topic **«Technology and Social Inclusion»**

Candidates for this post should possess:

1.	Postgraduate Degree of Master's level from accredited Universities in Computer Science, Design, Internet Studies, Sociology or any related field
2.	Excellent communication and writing skills
3.	Ability to organize and carry out research work independently.
4.	Very good knowledge of English language.
5.	Prior experience in submitting research proposals or participating in research programs will be considered as an additional qualification.

Beyond the requirements that the university requests to apply for the doctoral programme, your application must include (in English) a letter of interest or statement of purpose, that explains/describes why you wish to undertake the specific studies, your research objectives and other relevant information (2-3 pages).

The successful candidate will be assigned to the "Cyprus Interaction LabLab" (http://www.cyprusinteractionlab.com) . In parallel to his/her studies the successful candidate may be employed in currently active research programs and will be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement. For more information about the posts and employment opportunities please contact:

Panayiotis Zaphiris
Professor
Director, Cyprus Interaction Lab Lab,
Dept. of Multimedia and Graphic Arts
panayiotis.zaphiris@cut.ac.cy


•	One **(1)** post in the topic **«Human Behaviour and Online Social Networking»**

Candidates for this post should possess:
1.	Postgraduate Degree of Master's level from accredited Universities in Computer Science, Design, Internet Studies, Sociology or any related field
2.	Excellent communication and writing skills
3.	Ability to organize and carry out research work independently.
4.	Very good knowledge of English language.
5.	Prior experience in submitting research proposals or participating in research programs will be considered as an additional qualification.

Beyond the requirements that the university requests to apply for the doctoral programme, your application must include (in English) a letter of interest or statement of purpose, that explains/describes why you wish to undertake the specific studies, your research objectives and

other relevant information (2-3 pages).

The successful candidate will be assigned to the "Cyprus Interaction LabLab" (http://www.cyprusinteractionlab.com) . In parallel to his/her studies the successful candidate may be employed in currently active research programs and will be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement. For more information about the posts and employment opportunities please contact:

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