



Doctoral Vacancy Announcement form

Research Topic Title: “AI and Interactive Environments”

No. of Openings: 1

Description:

The research will focus on developing novel AI-based applications that can be used either in smart real or virtual spaces in an attempt to enhance productivity and/or safety and/or user experience. Within this scope real/virtual spaces refer to indoor scenes (i.e. house, classroom, exhibition areas, factories, shopping mall, etc) or outdoor scenes (i.e. public roads, pedestrian crossings, cultural heritage sites, playing grounds, etc). The topics will be addressed through research, development and evaluation of AI-based interventions.

Required Qualifications:

1. Postgraduate Degree of Master’s level from accredited Universities in Computer Science or Multimedia or Electronic Engineering or any related field.
2. Excellent computer programming skills.
3. Ability to organize and carry out research work independently.
4. Very good knowledge of English language.
5. Prior experience in research activities (i.e. publication record, submitting research proposals, participating in research programs) will be considered as an additional qualification.

Funding:

The successful candidate will be assigned to the “Visual Media Technologies Co-Lab” (<https://vmc2.eu>) that operates both at the Cyprus University of Technology and the CYENS Centre of Excellence (cyens.org.cy). In parallel with his/her study the successful candidate may be employed in currently active research programs and/or be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement.



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Research Advisor:

Name/Surname: Andreas Lanitis

Position: Professor

Email: andreas.lanitis@cut.ac.cy



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Research Topic: “Title: Interactive Music & Storytelling”

No. of Openings: 1

Description: This study aims to investigate how interactivity and emerging technologies influence the experience of music and storytelling. By integrating AI, AR/VR, and adaptive soundscapes, the study explores how listeners engage with music in new ways, shaping their own interpretations and connections to sound and narrative. The research aims to contribute to the understanding of interactive audio experiences and their potential impact on music perception and participation.

Required Qualifications: MA

Funding: N/A

Research Advisor: Doros Polydorou

Position: Associate Professor

Email: doros.polydorou@cut.ac.cy



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Research Topic: “New-era Design through emerging technologies and modern design paradigms”

No. of Openings: 2

Description: The research will explore new paradigms of User Experience (UX) design across various digital or cyber-physical (i.e. smart product) applications, with the goal to drive innovation in user experience for improved user performance. It will investigate emerging technologies and areas of research, such as AI-driven personalization, predictive and adaptive interfaces, sustainable interaction, ethical and inclusive UX, as well as emotion-driven and persuasive design. The specific areas of application will be determined through critical research and analysis, potentially spanning fields like education (or edutainment), healthcare and well-being, gaming and/or others.

Required Qualifications:

- Postgraduate Degree of Master’s level from accredited Universities in Design (UX and/or Interaction design), computer science, human-computer interaction, human factors, and psychology and related fields.
- Experience and/or interest in working with emerging technologies (i.e. AI, AR/VR, IoT integration).
- Ability to organize and implement autonomous research work
- Very good knowledge of English language.
- Programming skills will be considered as an additional asset.
- Prior experience in research activities (i.e. publications, research proposals, participation in research programs) will be considered as an additional qualification.

Funding:

The successful candidate will be assigned to the “Cyprus Interaction Lab” (<https://www.cyprusinteractionlab.com>). They will potentially have the opportunity to be employed and/or carry out part of their research work at the lab. In parallel with their PhD study, they may be employed in active research programs and/or be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement.

Research Advisor:

Name/Surname: Aekaterini Mavri



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Position: Assistant Professor

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Research Topic Title: “Intermedia Arts”

No. of Openings: 2

Description:

This PhD post involves practice-led and multidisciplinary research in areas that zeroes in the convergence of art/technology and through the lenses of intermediality. Candidates interested in Autopoietic/Sympoietic systems, the interplay of human and non-human actors, social systems theory, and DIY electronics are particularly encouraged to apply.

Required Qualifications:

- Postgraduate Degree of Master’s level from an accredited University in some related field.
- Ability to organise and carry out research work independently.
- Very good knowledge of the English language.
- Excellent technical skills in the particular area of their specialisation.
- Visa (if required for studying in Cyprus)
- (Desirer) Prior experience in research or artistic activities (i.e. publication record, submitting research proposals, participating in research programs, public performances/exhibitions, discography, etc)
- letter of interest, describing own research interests and outlining the proposed area of focus (1-2 pages maximum).
- portfolio of works

Funding:

The successful candidate will be assigned to the “Media Arts and Design Research Lab”. In parallel with their study the successful candidate may be employed in currently active research programs and may be seconded for research work in some of MADLab’s collaborating institutions in Europe, America, or Asia; they will be also assigned teaching-related duties at the Department of Multimedia and Graphic Arts.

Research Advisor:

Name/Surname: Marinos Koutsomichalis

Position: Assistant Professor

Email: m.koutsomichalis@cut.ac.cy



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Research Topic: “Typography and Visual Communication Archives in Cyprus”

No. of Openings: One (1)

Kind: Practical-based Research

Description: This research will explore local Cypriot resources and archives in search of type & graphic design cues that have the potential to impact, transform, and redefine what is preserved, how, and for whom. Through re-collecting scattered visual traces and re-indexing overlooked artifacts, this research aims to broaden the narrative of Cypriot visual and design heritage and examine how archives can serve as sites of resistance and re-imagination.

Required Qualifications:

1. Postgraduate Degree of Master’s level from an accredited University in some related field
2. Ability to organise and carry out research work independently.
3. Excellent knowledge of the English language.
4. Visa (if required for studying in Cyprus)
5. Prior experience in research activities (i.e. publications, research proposals, participation in research programs) will be considered an additional qualification.
6. Sample of research work (from the candidate’s MA program) or sample of literature review on the topic proposal of the current opening.
7. The application should include a letter of interest or statement of purpose written in English or Greek, that explains/describes why the applicant wishes to undertake this specific study, his/her research objectives, and other relevant information. The applicant will likely be invited for an interview
8. Portfolio of practice-based works

Funding: The successful candidate will be assigned to the “Semiotics and Visual Communication Lab” and may have the opportunity to be employed and/or conduct part of their research there. In parallel with their PhD studies, the candidate may also be employed in active research programs and/or assigned teaching-related duties in the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Research Advisor



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Name/Surname: Omiros Panayides

Position: Associate Professor

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