Short CV

Prof. Panayiotis Koutsabasis

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Panayiotis Koutsabasis is professor of Human-Computer Interaction (HCI) at the Department of Product and Systems Design Engineering, Polytechnic School, University of the Aegean.

For over twenty years Prof. Koutsabasis has been teaching various HCI-related courses at undergraduate and graduate levels: Human-Computer Interaction, Interaction Design Studio, Advanced Interaction Technologies and Applications, Mobile HCI, Programming Technologies and Methodologies, Design for All, etc.

His research interests include design and evaluation of the user experience in HCI, and in particular methods, guidelines, case studies and interaction techniques for natural HCI, especially mid-air interaction with gestures and with mobile devices in mixed, augmented, and virtual reality. He is also interested in HCI teaching and learning methods and approaches and their connections to design practice. He has contributed to the development of systems for promoting cultural heritage, education and learning, and the support of designers and groups.

Prof. Koutsabasis has published more than 100 papers in international scientific journals, conferences and book chapters, including: Inter. J. of Human-Computer Studies, Int. J. of Human-Computer Interaction, Behavior and Information Technology, Virtual Reality, Presence, Design Studies, CoDesign, BJET, ACM Computing in Cultural Heritage, J. of Usability Studies, Mobile HCI, etc. His published research has h-index: 21 according to Google scholar (i10-index: 36, 1364 citations) and h-index: 16 according to Scopus (i-10-index: 20, 609 citations).

He is a member of ACM, ACM SIGCHI, Greek chapter on ACM SIGCHI. He participates in scientific committees of various scientific journals and conferences. He is a regular reviewer of papers in over 30 journals and 30 international conferences. He is or has been a scientific coordinator, technical manager and researcher in more than 30 research and development projects.

At the Department of Product and Systems Design Engineering, since the beginning of its operation (year 2000), he has contributed to the formation of its curriculum, and the creation of the Interactive Systems Design laboratory.

Currently (2022-2025) Prof. Koutsabasis is the head of department.

Selected publications:

Nikolarakis, A. and Koutsabasis, P. (2024) Mobile AR Interaction Design Patterns for Storytelling in Cultural Heritage: A Systematic Review, Multimodal Technologies and Interaction, 8(6), 52.

Vogiatzidakis, P. and Koutsabasis P. (2022) 'Address and Command': Two-Handed Mid-Air Interactions with Multiple Home Devices. International Journal of Human-Computer Studies, Vol. 159, March 2022. Elsevier.

Nikolakopoulou, V. Vosinakis, S. Nikopoulos, G. Stavrakis, M. Politopoulos, N. Fragkedis, L. Koutsabasis, P. (2022) Design and User Experience of a Hybrid Mixed Reality Installation that Promotes Tinian Marble Crafts Heritage, ACM Journal of Computing and Cultural Heritage, ACM.

Koutsabasis, P., & Vogiatzidakis, P. (2019). Empirical research in mid-air interaction: A systematic review. International Journal of Human–Computer Interaction, 35(18), 1747-1768. Taylor & Francis.

Vosinakis, S. and Koutsabasis, P. (2018) Evaluation of Visual Feedback Techniques for Virtual Grasping with Bare Hands using Leap Motion and Oculus Rift, Virtual Reality, Springer.

Patsoule, E. & Koutsabasis, P. (2014) Redesigning Web Sites for Older Adults: A Case Study, Behaviour & Information Technology, 33:6, 561-573. Taylor & Francis.

Vosinakis, S. & Koutsabasis, P. (2012) Problem-Based Learning for Design & Engineering Activities in Virtual Worlds, PRESENCE: Teleoperators and Virtual Environments, 21:3, MIT Press.

Koutsabasis, P. & Vosinakis, S. (2012) Rethinking HCI Education for Design: Problem-Based Learning and Virtual Worlds at an HCI Design Studio, International Journal of Human-Computer Interaction, 28:8, pp. 485-499, Taylor & Francis.

Koutsabasis, P. Vosinakis, S. Malisova, K. Paparounas, N. (2012) On the Value of Virtual Worlds for Collaborative Design, Design Studies, Volume 33, Issue 4, July 2012, Pages 357–390, Elsevier.