

# Konstantinos Chorianopoulos

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## Previous Experience

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| 2008—now  | Ionian University<br><i>Professor</i><br>Corfu, Greece   |
| 2009—now  | Hellenic Open University<br><i>Adjunct Professor</i><br>Athens, Greece                           |
| 2014–2016 | Norwegian University of Science and Technology<br><i>Visiting Professor</i><br>Trondheim, Norway |
| 2006–2008 | University of the Aegean<br><i>Adjunct Professor</i><br>Syros, Greece                            |
| 2006–2008 | Bauhaus University of Weimar<br><i>Marie Curie Fellow</i><br>Weimar, Germany                     |
| 2005–2006 | Hellenic Navy<br><i>Obligatory military service</i><br>Chania, Greece                            |
| 2004–2005 | Imperial College London<br><i>Research Associate</i><br>London, England                          |
| 2000–2004 | Athens University of Economics and Business<br><i>Research Assistant</i><br>Athens, Greece       |

## Education

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| 2004 | <b>PhD Interaction Design</b><br><i>Athens University of Economics and Business, Athens, Greece</i>          |
| 2001 | <b>MSc Marketing and Communication</b><br><i>Athens University of Economics and Business, Athens, Greece</i> |
| 1999 | <b>Meng Electronic and Computer Engineering</b><br><i>Technical University of Crete, Chania, Greece</i>      |

## Publications

### Authored books

- [B1] Cesar, P. and Chorianopoulos, K. *The Evolution of TV Systems, Content, and Users Toward Interactivity*. Vol. 2. 4. 2009, p. 95.

### Edited books

- [E1] Cesar, P., Chorianopoulos, K., and Jensen, J. F., eds. *Interactive TV: A Shared Experience*. Springer, 2007, p. 236.
- [E2] Eckardt, F., Geelhaar, J., Colini, L., et al., eds. *MEDIACITY: Situations, Practices and Encounters*. Frank & Timme GmbH, 2008, p. 439.
- [E3] Cesar, P., Geerts, D., and Chorianopoulos, K., eds. *Social Interactive Television: Immersive Shared Experiences and Perspectives (Premier Reference Source)*. IGI Global, 2009, p. 362.
- [E4] Willis, K. S., Roussos, G., Chorianopoulos, K., and Struppek, M., eds. *Shared Encounters*. Springer, Dec. 2010, p. 311.
- [E5] Chorianopoulos, K., Divitini, M., Hauge, J. B., Jaccheri, L., and Malaka, R., eds. *Entertainment Computing-ICEC 2015: 14th International Conference, ICEC 2015, Trondheim, Norway, September 29-October 2, 2015, Proceedings*. Vol. 9353. Springer, 2015.

### Edited journals

- [G1] Chorianopoulos, K. and Lekakos, G. "Learn and play with interactive TV." In: *Computers in Entertainment* 5.2 (Apr. 2007), p. 4.
- [G2] Chorianopoulos, K. and Lekakos, G. "Methods and Applications in Interactive Broadcasting." In: *Journal of Virtual Reality and Broadcasting* 4 (2007), p. 8.
- [G3] Cesar, P., Bulterman, D. C. A., Chorianopoulos, K., and Jensen, J. F. "Multimedia systems, languages, and infrastructures for interactive television." In: *Multimedia Systems* 14.2 (Mar. 2008), pp. 71-72.
- [G4] Cesar, P., Chorianopoulos, K., and Jensen, J. F. "Social television and user interaction." In: *Computers in Entertainment* 6.1 (May 2008), p. 1.
- [G5] Chorianopoulos, K. "Personalized and mobile digital TV applications." In: *Multimedia Tools and Applications* 36.1-2 (Jan. 2008), pp. 1-10.
- [G6] Chorianopoulos, K. and Lekakos, G. "Introduction to Social TV: Enhancing the Shared Experience with Interactive TV." In: *International Journal of Human-Computer Interaction* 24.2 (Feb. 2008), pp. 113-120.
- [G7] Yu, Z., Lugmayr, A., Chorianopoulos, K., and Mei, T. "Introduction to the special issue on multimedia intelligent services and technologies." In: *Multimedia Systems* 16.4-5 (June 2010), pp. 215-217.
- [G8] Chorianopoulos, K. and Geerts, D. "Introduction to User Experience Design for TV Apps." In: *Entertainment Computing* (Mar. 2011).

- [G9] Giannakos, M. N., Chorianopoulos, K., Ronchetti, M., Szegedi, P., and Teasley, S. "Video-Based Learning and Open Online Courses." en. In: *International Journal of Emerging Technologies in Learning (iJET)* 9.1 (Feb. 2014), pp. 4-7.

#### Journal papers

- [J1] Chorianopoulos, K. and Spinellis, D. "Affective usability evaluation for an interactive music television channel." In: *Comput. Entertain.* 2.3 (July 2004), pp. 14-14.
- [J2] Chorianopoulos, K. and Spinellis, D. "User interface development for interactive television: extending a commercial DTV platform to the virtual channel API." In: *Computers & Graphics* 28.2 (Apr. 2004), pp. 157-166.
- [J3] Chorianopoulos, K. "Animated Character Likeability Revisited: The Case of Interactive TV." In: *Journal of Usability Studies* 1.4 (2006), pp. 171-184.
- [J4] Chorianopoulos, K. and Spinellis, D. "User interface evaluation of interactive TV: a media studies perspective." In: *Universal Access in the Information Society* 5.2 (May 2006), pp. 209-218.
- [J5] Chorianopoulos, K. "Content-Enriched Communication: Supporting the Social Uses of TV." In: *Communications Network Journal* 6.1 (2007), pp. 23-30.
- [J6] Chorianopoulos, K. and Spinellis, D. "Coping with TiVo: Opportunities of the networked digital video recorder." In: *Telematics and Informatics* 24.1 (Feb. 2007), pp. 48-58.
- [J7] Chorianopoulos, K. "User Interface Design Principles for Interactive Television Applications." In: *International Journal of Human-Computer Interaction* 24.6 (Aug. 2008), pp. 556-573.
- [J8] Banakou, D. and Chorianopoulos, K. "The effects of Avatars Gender and Appearance on Social Behavior in Online 3D Virtual Worlds." In: *Journal of Virtual Worlds Research* 2.5 (2010).
- [J9] Koutsourelakis, C. and Chorianopoulos, K. "Icons in mobile phones Comprehensibility differences between older and younger users." In: *Information Design Journal* 18.1 (2010), pp. 22-35.
- [J10] Koutsourelakis, C. and Chorianopoulos, K. "Unaided Icon Recognition in Mobile Phones: A Comparative Study with Young Users." In: *The Design Journal* 13.3 (2010), pp. 313-328.
- [J11] Chorianopoulos, K. "Collective intelligence within web video." en. In: *Human-centric Computing and Information Sciences* 3.1 (June 2013), p. 10.
- [J12] Giannakos, M. N., Chorianopoulos, K., Giotopoulos, K. K., and Vlamos, P. "Using Facebook out of habit." In: *Behaviour & Information Technology* 32.6 (Mar. 2013), pp. 594-602.
- [J13] Giannakos, M. N., Chorianopoulos, K., Inkpen, K., Du, H., and Johns, P. "Understanding childrens behavior in an asynchronous video-mediated communication environment." In: *Personal and Ubiquitous Computing* 17.8 (Apr. 2013), pp. 1621-1629.

- [J14] Mikalef, K., Giannakos, M. N., Chorianopoulos, K., and Jaccheri, L. "Does informal learning benefit from interactivity? The effect of trial and error on knowledge acquisition during a museum visit." In: *International Journal of Mobile Learning and Organisation* 7.2 (2013), pp. 158–175.
- [J15] Avlonitis, M. and Chorianopoulos, K. "Video Pulses: User-based modeling of interesting video segments." In: *Advances in Multimedia* (2014), pp. 1–9.
- [J16] Chorianopoulos, K. "Community-based Pedestrian Mapmaking." en. In: *The Journal of Community Informatics* 10.3 (2014).
- [J17] Chorianopoulos, K. and Giannakos, M. N. "Design Principles for Serious Video Games in Mathematics Education: From Theory to Practice." In: *International Journal on Serious Games* 1.3 (2014), pp. 51–59.
- [J18] Gkonela, C. and Chorianopoulos, K. "VideoSkip: event detection in social web videos with an implicit user heuristic." In: *Multimedia Tools and Applications* 69.2 (Feb. 2014), pp. 383–396.
- [J19] Karydis, I., Avlonitis, M., Chorianopoulos, K., and Sioutas, S. "Identifying Important Segments in Videos: A Collective Intelligence Approach." en. In: *International Journal on Artificial Intelligence Tools* 23.02 (Apr. 2014).
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- [J21] Chorianopoulos, K. and Talvis, K. "Flutrack.org: Open-source and linked data for epidemiology." In: *Health Informatics Journal* 22.4 (Sept. 2016), pp. 962–974.
- [J22] Leftheriotis, I., Chorianopoulos, K., and Jaccheri, L. "Design and implement chords and personal windows for multi-user collaboration on a large multi-touch vertical display." In: *Human-centric Computing and Information Sciences* 6.1 (Dec. 2016), p. 14.
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- [J24] Kapenekakis, I. and Chorianopoulos, K. "Citizen science for pedestrian cartography: collection and moderation of walkable routes in cities through mobile gamification." In: *Human-centric Computing and Information Sciences* 7.1 (May 2017), p. 10.
- [J25] Merkouris, A., Chorianopoulos, K., and Kameas, A. "Teaching Programming in Secondary Education Through Embodied Computing Platforms: Robotics and Wearables." In: *ACM Transactions on Computing Education* 17.2 (May 2017), pp. 1–22.
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- [J28] Garneli, V. and Chorianopoulos, K. "Programming video games and simulations in science education: exploring computational thinking through code analysis." In: *Interactive Learning Environments* 26.3 (Mar. 2018), pp. 386–401.
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- [J30] Garneli, V., Patiniotis, K., and Chorianopoulos, K. "Integrating Science Tasks and Puzzles in Computer Role Playing Games." In: *Multimodal Technologies and Interaction* 3.3 (2019).
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- [J32] Merkouris, A., Chorianopoulou, B., Chorianopoulos, K., and Chrissikopoulos, V. "Understanding the Notion of Friction Through Gestural Interaction with a Remotely Controlled Robot." In: *Journal of Science Education and Technology* 28 (2019), pp. 209–221.
- [J33] Alexandrakis, D., Chorianopoulos, K., and Tselios, N. "Connections between Older Greek Adults' Implicit Attributes and Their Perceptions of Online Technologies." In: *Technologies* 8.4 (2020).
- [J34] Alexandrakis, D., Chorianopoulos, K., and Tselios, N. "Digital Storytelling Experiences and Outcomes with Different Recording Media: An Exploratory Case Study with Older Adults." In: *Journal of Technology in Human Services* 38.4 (2020), pp. 352–383.
- [J35] Alexandrakis, D., Chorianopoulos, K., and Tselios, N. "Older Adults and Web 2.0 Storytelling Technologies: Probing the Technology Acceptance Model through an Age-related Perspective." In: *International Journal of Human-Computer Interaction* (2020), pp. 1–13.
- [J36] Garneli, V., Patiniotis, K., and Chorianopoulos, K. "Designing Multiplayer Serious Games with Science Content." In: *Multimodal Technologies and Interaction* 5.3 (2021).

#### Conference papers

- [P1] Bozios, T., Lekakos, G., Skoularidou, V., and Chorianopoulos, K. "Advanced Techniques for Personalized Advertising in a Digital TV Environment: The iMEDIA System." In: *eBusiness and eWork Conference*. Citeseer, 2001, pp. 1025–1031.
- [P2] Lekakos, G., Chorianopoulos, K., and Spinellis, D. "Information Systems in the Living Room: A Case Study of Personalized Interactive TV Design." In: *ECIS 2001*. 2001, pp. 319–329.

- [P3] Lekakos, G., Papakyriakopoulos, D., and Chorianopoulos, K. "An integrated approach to interactive and personalized TV advertising." In: *Personalized TV 01*. 2001.
- [P4] Chorianopoulos, K., Lekakos, G., and Spinellis, D. "Intelligent user interfaces in the living room." In: *Proceedings of the 8th international conference on Intelligent user interfaces - IUI '03*. New York, New York, USA: ACM Press, 2003, pp. 230–232.
- [P5] Chorianopoulos, K., Lekakos, G., and Spinellis, D. "The Virtual Channel Model for Personalized Television." In: *Proceedings of the 1st European Conference on Interactive TV (EuroITV 2003)*. 2003, p. 9.
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- [P8] Chorianopoulos, K. "Ambient and social TV: a conceptual design that connects everyday life in a sporadic community." In: *3rd IET International Conference on Intelligent Environments, 2007. IE 07*. Ulm, 2007, pp. 585–588.
- [P9] Chorianopoulos, K. "Interactive TV design that blends seamlessly with everyday life." In: *Proceedings of the 9th conference on User interfaces for all. ERCIM'06*. Berlin: Springer-Verlag, 2007, pp. 43–57.
- [P10] Chorianopoulos, K. and Rieniets, T. "City of collision: an interactive video installation to inform and engage." In: *IET Conference Publications*. Vol. 2007. CP531. 2007, pp. 502–509.
- [P11] Cesar, P. and Chorianopoulos, K. "Interactivity and user participation in the television lifecycle." In: *Proceeding of the 1st international conference on Designing interactive user experiences for TV and video - uxtv '08*. New York, New York, USA: ACM Press, Oct. 2008, pp. 125–128.
- [P12] Chorianopoulos, K. "Connecting remote educational spaces with mediated presence." In: *Mediacity: Situations, Practices, and Encounters*. Ed. by Eckardt, F. Frank & Ti. Berlin, 2008, pp. 227–244.
- [P13] Oumard, M., Mirza, D., Kroy, J., and Chorianopoulos, K. "A cultural probes study on video sharing and social communication on the internet." In: *Proceedings of the 3rd international conference on Digital Interactive Media in Entertainment and Arts - DIMEA '08*. DIMEA '08. New York, New York, USA: ACM Press, 2008, pp. 142–148.
- [P14] Riecke, R., Juers, A., and Chorianopoulos, K. "Interaction Design in Television Voting: A Usability Study on Music TV and Input Devices." In: *Proceedings of the 6th European conference on Changing Television Environments*. Ed. by Tscheligi, M., Obrist, M., and Lugmayr, A. Vol. 5066. Lecture Notes in Computer Science. Berlin, Heidelberg: Springer Berlin Heidelberg, 2008, pp. 268–272.

- [P15] Banakou, D., Chorianopoulos, K., and Anagnostou, K. "Avatars Appearance and Social Behavior in Online Virtual Worlds." In: *2009 13th Panhellenic Conference on Informatics*. IEEE, Sept. 2009, pp. 207–211.
- [P16] Chorianopoulos, K. "Evaluating the social effects of distant education beyond the desktop computer." In: *5th International Conference on Open and Distance Learning (ICODL)*. Athens: Hellenic Open University Press, 2009, pp. 117–121.
- [P17] Chorianopoulos, K. and Cesar, P. "Taking Social TV beyond chatting: How the TV viewer adds value to the Network." In: *MCIS 2009*. Athens, 2009, p. 39.
- [P18] Chorianopoulos, K. and Polymeris, G. "A case study of the deployment of cultural probes in remote schools." In: *7th Pan-Hellenic Conference with International Participation «ICT in Education»*. Ed. by Jimoyiannis, A. Corinth: University of Peloponnese, Korinthos, Greece, 23–26 September 2010, 2010, pp. 185–188.
- [P19] Giannakos, M. N., Giotopoulos, K. K., and Chorianopoulos, K. "In the face (book) of the daily routine." In: *Proceedings of the 14th International Academic MindTrek Conference on Envisioning Future Media Environments - MindTrek '10*. New York, New York, USA: ACM Press, Oct. 2010, pp. 153–157.
- [P20] Chorianopoulos, K., Leftheriotis, I., and Gkonela, C. "SocialSkip: Pragmatic Understanding within Web Video." In: *9th european conference on European interactive television conference (EuroITV '11)*. 2011, pp. 25–28.
- [P21] Du, H., Inkpen, K., Chorianopoulos, K., et al. "VideoPal: Exploring Asynchronous Video-Messaging to Enable Cross-Cultural Friendships." In: *ECSCW 2011: Proceedings of the 12th European Conference on Computer Supported Cooperative Work, 24–28 September 2011, Aarhus Denmark*. Ed. by Bødker, S., Bouvin, N. O., Wulf, V., Ciolfi, L., and Lutters, W. London: Springer London, 2011, pp. 273–292.
- [P22] Giannakos, M. N., Chorianopoulos, K., Johns, P., Inkpen, K., and Du, H. "Childrens Interactions in an Asynchronous Video Mediated Communication Environment." In: *Human-Computer Interaction – INTERACT 2011*. Ed. by Campos, P., Graham, N., Jorge, J., et al. Vol. 6946. Lecture Notes in Computer Science. Berlin, Heidelberg: Springer Berlin Heidelberg, 2011, pp. 199–206.
- [P23] Kravvaris, D., Thanou, E., and Chorianopoulos, K. "Evaluation of Tip-Activated and Push-Button Infrared Pens for Interactive Whiteboards." In: *Informatics (PCI), 2011 15th Panhellenic Conference on*. 2011, pp. 287–291.
- [P24] Leftheriotis, I. and Chorianopoulos, K. "Multi-user Chorded Toolkit for Multi-touch Screens." In: *3rd ACM SIGCHI symposium on Engineering interactive computing systems (EICS '11)*. 2011, pp. 161–164.
- [P25] Leftheriotis, I. and Chorianopoulos, K. "User Experience Quality in Multi-Touch Tasks." In: *3rd ACM SIGCHI symposium on Engineering interactive computing systems (EICS '11)*. 2011, pp. 277–282.
- [P26] Giannakos, M. N., Chorianopoulos, K., and Jaccheri, L. "Math is not only for Science Geeks : Design and Assessment of a Storytelling Serious Video Game." In: *In Proceedings of the 2012 12th IEEE International Conference on Advanced Learning Technologies*. ix. IEEE Computer Society, 2012, pp. 418–419.

- [P27] Leftheriotis, I., Chorianopoulos, K., and Jaccheri, L. "Tool support for developing scalable multiuser applications on multi-touch screens." In: *Proceedings of the 2012 ACM international conference on Interactive tabletops and surfaces - ITS '12*. New York, New York, USA: ACM Press, Nov. 2012, pp. 371-374.
- [P28] Leftheriotis, I., Gkonela, C., and Chorianopoulos, K. "Efficient Video Indexing on the Web : A System that Crowdsources User Interactions with a Video Player." In: *2nd International ICST Conference on User Centric Media (UCMEDIA 2010)*. Ed. by Alvarez, F. and Costa, C. Vol. 60. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. Berlin, Heidelberg: Springer Berlin Heidelberg, Jan. 2012, pp. 123-131.
- [P29] Mikalef, K., Giannakos, M. N., Chorianopoulos, K., and Jaccheri, L. "Do Not Touch the Paintings! The Benefits of Interactivity on Learning and Future Visits in a Museum." In: *ICEC 2012*. Ed. by Herrlich, M., Malaka, R., and Marsuch, M. Vol. 7522. Lecture Notes in Computer Science. Berlin, Heidelberg: Springer, 2012, pp. 553-561.
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- [P31] Ilioudi, C., Chorianopoulos, K., and Giannakos, M. N. "Comparing the camera shot styles of video lectures: Close-up versus broad framing of whiteboard and lecturer." In: *7th International Conference in Open and Distance Learning 2013*. Ed. by Lionarakis, A. Athens, 2013, pp. 1-7.
- [P32] Makris, D., Euaggelopoulos, K., Chorianopoulos, K., and Giannakos, M. N. "Could you help me to change the variables ? Comparing instruction to encouragement for teaching programming." In: *WiPSCE '13, November 11-13, 2013, Aarhus, Denmark*. 2013.
- [P33] Rautiainen, M., Heikkinen, A., Sarvanko, J., et al. "Time shifting patterns in browsing and search behavior for catch-up TV on the web." In: *Proceedings of the 11th european conference on Interactive TV and video - EuroITV '13*. New York, New York, USA: ACM Press, June 2013, pp. 117-120.
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- [P38] Giannakos, M. N., Garneli, V., and Chorianopoulos, K. "Exploring the Importance of Making in an Educational Game Design." In: *ICEC 2015*. Trondheim, Norway: Springer, 2015.
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- [P42] Merkouris, A. and Chorianopoulos, K. "Programming Human-Robot Interactions in Middle School : The Role of Mobile Input Modalities in Embodied Learning." In: *International Conference on Interactive Mobile Communication, Technologies and Learning (IMCL2017)*. Springer, Nov. 2017, pp. 146–153.
- [P43] Deliyannis, I., Symianakis, S., and Chorianopoulos, K. "ActionTrip: automating egocentric video production through gestural interaction and landmark awareness." In: *Proceedings of the 22nd Pan-Hellenic Conference on Informatics*. ACM. 2018, pp. 127–132.
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- [P45] Alexandrakis, D., Chorianopoulos, K., and Tselios, N. "Insights on Older Adults' Attitudes and Behavior Through the Participatory Design of an Online Storytelling Platform." In: *Human-Computer Interaction – INTERACT 2019*. Ed. by Lamas, D., Loizides, F., Nacke, L., et al. Cham: Springer International Publishing, 2019, pp. 465–474.
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#### Short papers

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