

Panayiotis Koutsabasis

Lecturer

<http://www.syros.aegean.gr/users/kgp>

E-mail: kgp@aegean.gr

Tel: 22810-97124, 6932199270

University of the Aegean

Department of Product & Systems Design Engineering

84100 Hermoupolis, Syros

1 PERSONAL

- Date of birth: December 26 1973, Athens, Greece
- I'm married, and I have a little daughter.

2 POSITIONS

- 2010 (June) – (today) **Lecturer**, (FEK: 463/07.06.2010, τ. Γ') Human-Computer Interaction, University of the Aegean, Department of Product & Systems Design Engineering.
- 2000-2010. **adjunct lecturer** (Π.Δ. 407/80), Human-Computer Interaction, University of the Aegean, Department of Product & Systems Design Engineering.
- 1998-2002. **Researcher**. University of the Aegean.
- 1997-1998. **Researcher**. Athens University of Economics and Business.

3 EDUCATION

- 1998-2002. **PhD**, Agent-based Systems in the Information Society for All: an Information Systems Perspective (Foundations, Methodology, and Application), University of the Aegean, Department of Product & Systems Design Engineering.
- 1995-1997. **MSc in Information Systems**, Department of Informatics, Athens University of Economics and Business.
- 1991-1995. **Information Systems Degree**, Department of Informatics, Athens University of Economics and Business.

4 RESEARCH

4.1 PUBLICATIONS

BOOKS

- B1. **Koutsabasis, P.** (2011) Human-Computer Interaction: Principles, Methods and Examples. Kleidarithmos (in Greek).

JOURNALS

- J1. Vosinakis, S. & **Koutsabasis, P.** (accepted for publication) Problem-Based Learning for Design & Engineering Activities in Virtual Worlds, PRESENCE: Teleoperators and Virtual Environments, MIT Press.
- J2. **Koutsabasis, P.** & Vosinakis, S. (accepted for publication) Rethinking HCI Education for Design: Problem-Based Learning and Virtual Worlds at an HCI Design Studio, International Journal of Human-Computer Interaction, Taylor & Francis
- J3. **Koutsabasis, P.** & Istikopoulou, T. (accepted for publication) Perceived Web Site Aesthetics from Users and Designers: Implications for Evaluation Practice, International Journal of Technology & Human Interaction, IGI Global
- J4. Vosinakis, S. **Koutsabasis, P.** Zaharias, P. (accepted for publication) Course Lectures as Problem-Based Learning Interventions in Virtual Worlds, LNCS Transactions on Edutainment, Springer.
- J5. **Koutsabasis, P.** Vosinakis, S. Malisova, K, Paparounas, N. (2012) On the Value of Virtual Worlds for Collaborative Design, Design Studies, Elsevier Science, Volume 33, Issue 4, July 2012, Pages 357–390.
- J6. Zaharias P. & **Koutsabasis, P.** (2011) Heuristic evaluation of e-learning courses: A comparative analysis of two e-learning heuristic sets, Campus-Wide Information Systems, Vol. 29, issue 1, Emerald.
- J7. **Koutsabasis, P.** Staurakis, M. Spyrou, T. Darzentas, D. (2011) Perceived impact of asynchronous e-learning after long-term use: implications for design and development. International Journal of Human-Computer Interaction, Vol. 27, Issue 2. Taylor & Francis.
- J8. Oikonomou, D. Moulitanitis, V. Lekkas, D. **Koutsabasis, P.** (2011) DSS for Health Emergency Response: a Contextual, User-Centred Approach, International Journal of User Driven Healthcare. Vol.1, Issue 2.
- J9. **Koutsabasis, P.** Vlachogiannis, E. Darzentas, J.S. (2010) Beyond Specifications: Towards a Practical Methodology for Evaluating Web Accessibility, Journal of Usability Studies, August 2010, Vol.5, Issue.4, Usability Professionals' Association.
- J10. **Koutsabasis, P.** and Darzentas, J. (2009) Methodologies for Agent Systems Development: Underlying Assumptions and Implications for Design, AI & Society, Volume 23, Number 3, pp. 379-407, Springer.
- J11. **Koutsabasis, P.** Stavrakis, M, Viorres, N. Darzentas, J.S. Spyrou, T. and Darzentas, J. (2008) A Descriptive Reference Framework for Personalisation of E-business. Electronic Commerce Research, Volume 8, Issue 3, pp. 173-192, Springer.

- J12. Vosinakis, S. **Koutsabasis, P.** Stavrakis, M, Viorres, N. Darzentas, J. (2008) Virtual Environments for Collaborative Design: Requirements and Guidelines from a Social Action Perspective, *CoDesign: International Journal of CoCreation in Design and the Arts*, Taylor and Francis, Volume 4 Issue 3, pp. 133-150, 2008.
- J13. Konstantopoulos M., Spyrou T., **Koutsabasis P.**, Darzentas J.S., Lambrinouidakis, C., Darzentas J., (2001) The Role of Directory Services in Online Education Delivery: The GESTALT Example *International Journal of Continuing Engineering Education and Life-Long Learning*, Inderscience, Vol. 11 Nos 1/2, 2001, pp. 5-24.
- J14. Konstantopoulos M., Darzentas J.S., **Koutsabasis P.**, Spyrou T., Darzentas J. (2001) Towards Integration of Learning Objects Metadata and Learner Profiles Design: Lessons Learnt from GESTALT, *Interactive Learning Environments*, Routledge, Vol. 9, No. 3, pp. 231-254.

CHAPTERS IN BOOKS

- BC1. Vosinakis, S. **Koutsabasis, P.** Zaharias, P. Belk, M. (in press) Problem-based Learning in Virtual Worlds: Two Case Studies in User Interface Design, in Mark Childs & Greg Withnail (eds.) *Experiential Learning in Virtual Worlds - Exploring the Complexities*, Interdisciplinary Press.
- BC2. Vosinakis, S. & **Koutsabasis, P.** (2011) Engaging Students in HCI Design Activities in Virtual Worlds, *IEEE Learning Technology Newsletter*, October, 2011.
- BC3. **Koutsabasis P.** (2010) E-business and Accessibility, in In Lee (Ed.) *Encyclopedia of E-Business Development and Management in the Global Economy*, IGI Global, to appear.
- BC4. Zacharias, P. & **Koutsabasis, P.** (2010) Heuristic evaluation of e-learning: comparing two heuristic sets, *IEEE Learning Technology Newsletter*, April, 2010.
- BC5. **Koutsabasis, P.** and Darzentas, J. (2008) Item-based Filtering and Semantic Networks for Personalized Web Content Adaptation in E-Commerce. *Lecture Notes In Artificial Intelligence*; Vol. 5138, Springer, Proceedings of the 5th Hellenic conference on Artificial Intelligence: Theories, Models and Applications (eds. J. Darzentas, G. Vouros, A. Arnellos, S. Vosinakis) 2-4 October, Syros, Greece.
- BC6. **Koutsabasis, P.** Spyrou, T. and Darzentas, J. (2007) Evaluating Usability Evaluation Methods: Criteria, Method and a Case study, *Lecture Notes in Computer Science*, Vol. 4550, Springer, Proceedings of the 12th International Conference on Human-Computer Interaction, Beijing, China, 2007.
- BC7. Stavrakis, M. Viorres, N. **Koutsabasis, P.** Darzentas, J. (2007) A Theoretical Framework of Co-Purposing in Systems Design, *Lecture Notes in Computer Science*, Vol. 4558, Springer, Proceedings of the 12th International Conference on Human-Computer Interaction, Beijing, China, 2007.
- BC8. Viorres, N. Papadopoulos, X. Stavrakis, M. Vlachogiannis, E. **Koutsabasis, P.** Darzentas, J. (2007) Major HCI Challenges for Open Source Software Adoption and Development, *Lecture Notes in Computer Science*, Vol. 4564, Springer, Proceedings of the 12th International Conference on Human-Computer Interaction, Beijing, China, 2007.

CONFERENCES (FULL-TEXT REVIEW)

- C1. Patsoule, E. & **Koutsabasis, P.** (2012) Redesigning Web Sites for Older Adults, 5th International Conference on Pervasive Technologies Related to Assistive Environments (PETRA 2012), ACM, Crete, Greece, June 6-8 2012.
- C2. Zisis, D. Lekkas, D. **Koutsabasis, P.** (2011) Cryptographic Dysfunctionality-A Survey on User Perceptions of Digital Certificates, International Conference in Global Security Safety and Sustainability, Thessaloniki, Greece, 24-26 August 2011.
- C3. Vosinakis, S. **Koutsabasis, P.** & Zaharias, P. (2011) An Exploratory Study of Problem-Based Learning in Virtual Worlds, VS-Games 2011, May 4-6 2011, Technical University of Athens (NTUA), Athens, Greece.
- C4. **Koutsabasis, P.** Spyrou, T. Darzentas, J.S. and Darzentas, J. (2007) On the Performance of Novice Evaluators in Usability Evaluations, 11th Panhellenic Conference on Informatics (PCI 2007) at Patras, Greece, 18-20 of May 2007.
- C5. Vosinakis, S. **Koutsabasis, P.** Stavrakis, M. Viorres, N. Darzentas, J. (2007) Supporting Conceptual Design in Collaborative Virtual Environments, 11th Panhellenic Conference on Informatics (PCI 2007) at Patras, Greece, 18-20 of May 2007.
- C6. Darzentas, J. Arnellos, A. Darzentas, J.S. **Koutsabasis, P.** Spyrou, T. Viorres, N. Vlachogiannis, E. Velasco, C.A. Mohamad, Y. Abascal, J. Tomas-Guerra, J. Arrue-Recondo, M. Tsopelas, N. and Floratos, N. (2003), IRIS: Implementing an Open Environment Supporting Inclusive Design of Internet Applications. Human-Computer Interaction, INTERACT'03 M. Rauterberg et al. (Eds.) IOS Press, IFIP, 2003, pp. 749-752.
- C7. Velasco, C.A. Mohamad, Y. Gappa, H. Nordbrock, G. Pieper, M. Darzentas, J. Darzentas, J.S. **Koutsabasis, P.** Spyrou, T. (2002) IRIS: Towards an Environment that Supports Internet Design for All, International Conference on Assistive Technology (ICAT 2002) 24th - 25th April 2002, Derby, UK.
- C8. **Koutsabasis, P.** Darzentas, J. S. Spyrou, T. Velasco, C. A. Mohamad, Y. Darzentas, J. (2001) Towards an Environment that Supports Internet Designers to Design for All, in Advances in Human-Computer Interaction I, 1st Panhellenic Conference on Human computer Interaction, December 7-9, Patras, Greece.
- C9. Theodoropoulos, V. **Koutsabasis, P.** Darzentas J.S. Spyrou T. Darzentas J., (2001) Designing a Postgraduate Curriculum in information systems: A Greek case, Proceedings of the 8th European Conference on Information Systems, Bled, Slovenia, 27-29 July 2001, pp. 1070-1080.
- C10. **Koutsabasis P.**, Darzentas J. S., Spyrou T., Darzentas J., (1999), Facilitating User-System Interaction: the GAIA Interaction Agent, Proceedings of 32nd Hawaiian International Conference on System Sciences (HICSS 99), pp. 322, 5-8 January 1999, Maui, Hawaii, IEEE.
- C11. **Koutsabasis P.**, Darzentas J. S., Spyrou T., Darzentas J., (1998) An Interaction Agent in a Brokerage Environment: Methodology, Design and Application, short paper, proceedings of first ACM SIGART International Workshop on Interaction Agents, held in conjunction with ACM AVI98 (Advanced Visual Interfaces) pp. 58-61, L'Aquila, Italy, 24 May 1998.

CONFERENCES (REVIEW OF THE ABSTRACT)

- C12. Vosinakis, S. & **Koutsabasis, P.** (2012) Using Virtual Worlds to Support Interaction Design Studio Courses, *Experiential Learning in Virtual Worlds*, 12th-14th March 2012, Prague, Czech Republic.
- C13. Vosinakis, S. & **Koutsabasis P.** (2011) A Framework for Problem-Based Learning Activities in Virtual Worlds, *CIE2011 (Conference on Informatics in Education)* Pireus, Greece, 8-9 October, 2011,
- C14. Vosinakis, S. **Koutsabasis, P.** Zaharias, P. (2011) Problem-based Learning in Virtual Worlds: a Case Study in User Interface Design, 20th - 22nd March 2011, Prague, Czech Republic.
- C15. Oikonomou, D. Moulianitis, V. Lekkas, D. **Koutsabasis, P.** (2009) Decision Support System Design for Cooperation in Emergency Situations at the Hellenic Centre of Emergency Response (EKAB), *International Workshop on Mobile Information Technology for Emergency Response in conjunction with the ISCRAM'2009 Conference*, May 10th, Goteborg, Sweden.
- C16. Dougalis, E. Stavrakis, M. **Koutsabasis, P.** (2008) Supporting Educational Processes in Academia with a Collaborative Content Management Platform: Longitudinal Implications in Education, Administration and Social Life. *ICIETE'08, International Conference on Institutional Evaluation Techniques in Education*, Samos, Greece, 27-29 June 2008.
- C17. Nomikos, S. **Koutsabasis, P.** Darzentas J.S. Spyrou T. Darzentas, J. (2006) Towards a Conceptual Framework for the Design of Smart Packaging Services in Print and Cross-Media: the Role of Decision Support Systems, *The International Conference Printing Technology*, St Petersburg, Russia, 2006.
- C18. Viorres, N. **Koutsabasis, P.** Arnellos, A. Darzentas, J. S. Velasco, C. Mohamad, Y. Spyrou, T. Darzentas, J. (2003) An Approach for Personalisation and Content Adaptation of Internet Applications based on User and Device Profiles, in *Proceedings of HCI International 2003*, 24-26 June 2003, Heraklion, Crete, Lawrence Erlbaum Associates.
- C19. Spyrou T. Darzentas J. S. **Koutsabasis P.** Papadopoulos C. Hands, J. Darzentas J. (2002) Application and Evaluation of Standard-based, Web Brokerage Services: Addressing Industrial Designers' Needs for Technical Data, *Proceedings of the 30th International Conference on Computers and Industrial Engineering*, island of Tinos, Greece, June 29-July 2, 2002.
- C20. **Koutsabasis, P.** Darzentas J. S., Spyrou T., Abascal, J. Darzentas J., (2001) Designing Internet-based Systems and Services for All: Problems and Solutions, *Proceedings of the 1st International Conference on User Access in Human-Computer Interaction*, held under the same organisation with 9th International Conference on Human-Computer Interaction, August 5-10, New Orleans, Lawrence Erlbaum Associates.
- C21. Darzentas, J. S. **Koutsabasis, P.** Spyrou, T. Velasco, C. A. Gappa, H. Nordbrock, G. and Darzentas, J. (2001) Enhancing the Applicability and Impact of Recommendations and Tools for Accessibility of Internet Services, presented in *INTERACT 2001 (8th IFIP TC 13 conference on Human-Computer Interaction)* in terms of Workshop on issues on the application of guidelines to the design of HCI systems for older people and people with disabilities.

- C22. **Koutsabasis, P.** Darzentas, J. S., Spyrou, T. Lambrinoudakis, K., Darzentas, J. (2000) Aiding Designers to Design for All: The IRIS Approach, poster presentation in Proceedings of 6th ERCIM International Workshop on User Interfaces for All, Florence, Italy, 24-25 October, pp. 345-347.
- C23. **Koutsabasis P.**, Darzentas J. S., Spyrou T., Darzentas J. (1998), Intelligent Agents and Information Brokerage, Proceedings of 12th National Conference of the Greek Operational Research Society, pp. 1023-1042, Pythagorion, Samos, Greece, 4-6 September 1998.

4.2 RESEARCH PROJECTS

EUROPEAN R&D PROJECTS

1. 2004-2007: IST BenToWeb (Benchmarking Tools and Methods for the Web, IST-2-004275).
2. 2003-2005: IST IDCnet (Inclusive Design Curriculum Network, IST-2001-38786).
3. 2000-2003: IST IRIS (Incorporating the Requirements of People with Special Needs or Impairments to Internet-based systems and Services)
4. 2000-2002: IST GUARDIANS (Gateway to User Access of Remote and Distributed Information and Network Services).
5. 1997-1999: ACTS GESTALT (Getting Education Systems Talking Across Leading edge Technologies).
6. 1997-1998: ACTS GAIA (Generic Architecture for Information Availability).
7. 1997: ACTS RENAISSANCE (Integration of High Performance Services for Interactive Vocational Training).

NATIONAL R&D PROJECTS

1. 2002-2004: EQUAL ΝΕΩΡΙΟΝ ΙΙ - Προώθηση της ανταγωνιστικότητας και διασφάλιση της απασχόλησης στη ναυπηγική βιομηχανία. Συγχρηματοδοτούμενο έργο της Ευρωπαϊκής Ένωσης
2. 1999-2000: ΕΠΕΑΕΚ, RESEXP "Διερεύνηση εναλλακτικών τρόπων χρηματοδότησης της τριτοβάθμιας εκπαίδευσης μέσω της αξιοποίησης της κινητής και ακίνητης περιουσίας των ιδρυμάτων με μεγάλη γεωγραφική διασπορά".
3. 1999-2000: ΕΠΕΑΕΚ, RESINFO "Έρευνα της διασύνδεσης προπτυχιακών και μεταπτυχιακών σπουδών και της αγοράς εργασίας για σπουδές Πληροφοριακών & Επικοινωνιακών Συστημάτων".
4. 1999-2000: GUnet - Greek National Directory Services.
5. 1999: ΕΔΕΤ, Μελέτη Οργάνωσης και Λειτουργίας των Δικτυακών Υπηρεσιών της ΕΔΕΤ (Εθνικό Δίκτυο Έρευνας και Τεχνολογίας).
6. 1998-2001: ΥΠΕΠΘ, ΑΙΓΑΙΟ-NET, "Σχεδίαση, Μελέτη, Ανάπτυξη δικτύου και υπηρεσιών στο Πανεπιστήμιο Αιγαίου", Υπουργείο Παιδείας και Θρησκευμάτων.
7. 1997. HEDIVAN (Hellenic Electronic Data Interchange Value Added Network), Οικονομικό Πανεπιστήμιο Αθηνών.

8. 2008: Συνεργατική Σχεδίαση και Διαδικτυακό Μάρκετινγκ στον κλάδο της Λαϊκής Παραδοσιακής Τέχνης, ΕΛΚΕΑ.
9. 2007: E-FOLKART, Ηλεκτρονικές υπηρεσίες για την υποστήριξη της παραδοσιακής λαϊκής τέχνης. ΕΛΚΕΑ.
10. 2006-2010. EUREKA F-JEWEL, Functional Jewellery That Adds Aesthetics and Durability To Quality-Of-Life Enhancing Medical Appliances. EU.
11. 2005-2010. EUREKA RIGHTFIT, Making Garments That Fit Consumers' Needs And Wants. EU.
12. 2004-2010. DesignReq, Γενικευμένη Αρχιτεκτονική Συνεργατικού Συστήματος Υποστήριξης της Σχεδίασης Επίπλου, ΕΛΚΕΔΕ.

4.3 PARTICIPATIONS AND MEMBERSHIPS

SCIENTIFIC ASSOCIATIONS

- ACM SIGCHI (Special Interest Group in Computer-Human Interaction)
- ACM Greek charter on CHI (Gr-CHI)

JOURNAL COMMITTEES

- International Journal of Technology and Human Interaction, IGI Global.

REVIEWER IN SCIENTIFIC JOURNALS

- International Journal of Human-Computer Studies, Elsevier
- International Journal of Technology and Human Interaction, IGI Global.
- Journal of Network and Computer Applications, Elsevier.
- Journal of Universal Computer Science.

CONFERENCES COMMITTEES

- 8th International Conference on Information Technology: New Generations (ITNG 2011), Las Vegas, USA 13th -15th April 2011.
- 5th Hellenic Conference on Artificial Intelligence, Syros, Greece, 2-4 October 2008.
- Applied Computing 2007, IADIS International Conference, Salamanca, Spain, 18-20 February 2007
- Applied Computing 2006, IADIS International Conference, San Sebastian, Spain, 25-28 Feb 2006

REVIEWER IN CONFERENCES

- 2010. 8th International Conference on Information Technology: New Generations (ITNG 2011), Las Vegas, USA 13th -15th April 2011
- 2009, CHI 2010, 28th ACM Conference on Human Factors in Computing Systems, 10-15 April, 2010, Atlanta, USA.
- 2008, 5th Hellenic Conference on Artificial Intelligence, Syros, Greece, 2-4 October 2008.
- 2007, Applied Computing 2007, IADIS International Conference, Salamanca, Spain, 18-20 February 2007

- 2006, Applied Computing 2006, IADIS International Conference, San Sebastian, Spain, 25-28 Feb 2006
- 2005, INTERACT 2005, the Tenth IFIP TC13 International Conference on Human-Computer Interaction, 12-16 September 2005, Rome, Italy
- 2002, HICSS 35 – 35th Hawaiian International conference on Systems Sciences, 7-10 January, 2002, island of Hawaii, Hawaii
- 2001, Panhellenic conference on Human - Computer Interaction, (PCHCI 2001), 6-8 Dec. 2001, Patra, Greece.
- 1998, 12ο Εθνικό Συνέδριο της Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών (ΕΕΕΕ), Πυθαγόρειο, Σάμος, 3-6 Σεπτ. 1998.

5 TEACHING

5.1 COURSES

UNDERGRADUATE COURSES

- Human-Computer Interaction (2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004)
- Programming Technologies and Methodologies 2 (2012, 2011, 2010, 2009, 2002, 2001)
- Collaborative Systems (2011, 2010, 2009, 2008, 2007, 2006, 2005)
- Advanced User Interfaces (2011, 2010, 2009)
- Multimedia Design (2008)
- E-Business Design (2008, 2007, 2006, 2005)
- Decision Support Systems (2007, 2006, 2005)
- Cognitive Science (2004)
- Interaction Design (2003)
- Informatics I (2000, 2001, 2002)
- Informatics II (2001, 2002)
- Design Theory & Methodology (2001)
- Data Structures and Algorithms (2003)

POSTGRADUATE COURSES

- Human-Computer Interaction (2011, 2010)
- Advanced User Interfaces (2012, 2011)
- Interaction Design Studio (2012, 2011)
- Interaction Design (2009, 2008, 2007, 2006, 2005, 2004, 2003)
- Interaction Design and Ergonomics (2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004)

- Interactive Information Systems Design (reading course) (2010, 2009, 2008, 2007, 2006, 2005, 2004)