

Georgios Christou

<http://www.georgioschristou.com>

Research Interests

Human Computer Interaction
Software Engineering
Reality-Based Interaction Evaluation
Knowledge-based task modeling
User Experience

Education

Ph.D. Tufts University, 2007, Computer Science

Dissertation: Cognitive Description and Evaluation of Interaction (CoDeIn): A Framework for the Description and Evaluation of Reality-Based Interaction.

Advisor: Dr. Robert J. K. Jacob

External Committee Member: Dr. Frank E. Ritter

M.S. Tufts University, 2001, Computer Science

Project: Using an Inference Mechanism to Implement Access Rules in a Relational Database.

Advisor: Dr. James G. Schmolze (RIP)

B. S. Carnegie Mellon University, 1998, Cognitive Science & Computer Science

Scholarship, Honours and Awards

Semi-Finalist of Student Research Competition at CHI 2007

Deans List, Spring 1996, Carnegie Mellon University

Fullbright Scholar, Cyprus America Scholarship Program, 1995 – 1999, Carnegie Mellon University.

Academic Experience

At European University Cyprus

Lecturer, Computer Science, 2007 - Present

At Cyprus College

Lecturer, Computer Science, 2003 – 2007

At Tufts University

Teaching Assistant, Computer Science, 1999 - 2003

At Carnegie Mellon University

Teaching Assistant, Cognitive Science, 1997

Industry Experience

Software Engineering Consultant, Cosine Consultants, Nicosia, Cyprus, 2008 - Present

Network Programmer, Accumentrics Inc., Worcester, MA, 2001

Senior Developer, E.C.S. Eurosoft Ltd., Limassol, Cyprus, 1999

Developer, Melesoft Ltd., Nicosia, Cyprus, 1997

Research Grants

2008 – 2009: Cyprus Telecommunications Authority Grant for “Modeling the Real in the Virtual: An automated tool for the support of building predictive evaluation models for Reality Based Interaction”

2007 – 2009: Member of COST action 294: Towards the Maturation of Information Technology Usability Evaluation

2006–2007: Cyprus Telecommunications Authority Grant for “A task modelling methodology for the prediction of errors in a user interface”

2005-2006: Cyprus Telecommunications Authority Grant for “A Toolkit for End-User Building of Tangible User Interfaces Using Consumer Grade Hardware and Software”

Workshop Organization

Co-organizer, Workshop at CHI 2009: Challenges in the Evaluation of Usability and User Experience in Reality-Based Interaction. Boston, MA, April 2009.

<http://www.georgioschristou.com/workshops/chi09/>.

Co-organizer, Colloquium on the results of the European Social Survey, European University Cyprus, November 2008.

Co-organizer, 5th COST294-MAUSE Open Workshop. Meaningful Measures: Valid Useful User Experience Measurement, June 2008.

<http://cost294.org/vuum/>

Publications

Drafts of most publications can be found at

<http://www.georgioschristou.com/publications>.

Workshop Proceedings

Christou, G., Law, E. L. C., Green, W. & Hornbæk (Eds.). (2009) Proceedings of the CHI 2009 Workshop on Challenges in Evaluating Usability and User Experience in Reality-Based Interaction. Boston, MA. ISBN 978-2-917490-09-9. IRIT: Toulouse, France.

Law, E. L. C., Bevan, N., Christou, G., Springett, M. & Lárusdóttir (Eds.). (2008) Proceedings of the International Workshop on Meaningful Measures: Valid Useful User Experience Measurement (VUUM). Reykjavik, Iceland. ISBN: 978-2-917490-02-0. IRIT: Toulouse, France.

Chapters in Books

Χρίστου, Γ. Τεχνοφοβικός τεχνόφιλος: Ο Κύπριος μη-χρήστης του διαδικτίου. Στο Γουλιάμος, Κ. και Βρυονίδης, Μ. (in press). Όψεις Κυπριακής Κοινωνίας: Ευρήματα Ευρωπαϊκής Κοινωνικής Έρευνας. (Christou, G. Technophobic technofriend: The Cypriot non-user of the Internet, In Gouliamos, K. and Vryonides, M. (in press) Views of Cyprus Society: Results of the European Social Survey).

Christou, G. The Use and Evolution of the Concept of Affordance in HCI. In Ghaoui, C. (Ed.), Encyclopedia of Human Computer Interaction. Idea Group Reference, Hershey, PA, 2005.

Refereed Conference Proceedings

Christou, G., Ritter, F. E. & Jacob, R. J. K. (2008). Modeling prehensile actions for the evaluation of Tangible User Interfaces. Proceedings of ITI 2008 International Conference of Information Technology Interfaces. Cavtat/Dubrovnik, Croatia: IEEE Explore.

Christou, G. (2007). Towards a Description and Evaluation Method for Reality Based Interaction. In Student Research Competition, Extended Abstracts of CHI 07 Conference on Human Factors in Computing Systems, San Jose, CA, pp. 2165-2170.

Christou, G., Jacob, R. J. K. & Cheng, P. L. (2006). Modeling the Task: Leveraging Knowledge-in-the-Head at Design Time. In Y. Manolopoulos, J. Filipe, P. Constantopoulos and J. Cordeiro, eds., ICEIS 06 8th International Conference on Enterprise Information Systems, Paphos, Cyprus, pp. 131-134.

Christou, G. & Jacob, R. J. K. (2005). Identifiability: A Predictive Quantitative Measure for the Comparison of a Task Designed in Different Interaction Styles. In Proceedings of HCI International 11th International Conference on Human-Computer Interaction, Lawrence Erlbaum Associates, Las Vegas, NV, CD-ROM.

Refereed Workshop Proceedings

Christou, G., Ritter, F. E. & Jacob, R. J. K. (2009). Knowledge-Based Usability Evaluation. Proceedings of the workshop “Challenges in the Evaluation of Usability and User Experience in Reality-Based Interaction”. At CHI 2009 Conference on Human Factors in Computing Systems, Boston, MA. ISBN 978-2-917490-09-9. IRIT: Toulouse, France

Christou, G. (2007) Review of CPM-GOMS. In R³UEMs: Review, Report and Refine Usability Evaluation Methods, Proceedings of the 3rd International Workshop of COST294-MAUSE, Athens, Greece.

Christou, G. & Jacob, R.J.K. (2003). Evaluating and Comparing Interaction Styles. In J.A. Jorge, N.J. Nunes, J. F. Cunha (Eds) Interactive Systems. Design, Specification, and Verification: 10th International Workshop, DSV-IS 2003, Lecture Notes in Computer Science 2844, pp. 406-409.

Talks and Presentations

Ηλεκτρονικός Αναλφαβητισμός στην Κύπρο. Ομιλία στο : “Προβλήματα και προβληματισμοί για την Κυπριακή Κοινωνία – Ευρήματα από την Ευρωπαϊκή Κοινωνική Έρευνα” (e-Illiteracy in Cyprus. Talk at the colloquium “Problems and discussions about the Cypriot Society – Findings from the European Social Survey”).
2008

The vision of Mark Weiser: Where we are headed. Presentation at Pallouriotissa Lyceum, 2008.

Using an inference mechanism to implement access rules in a relational database. Presentation at Tufts University Computer Science Colloquium, 2001

Security from User Inference in Relational Databases. Poster presentation at Tufts University Research and Graduate Study Fair, 2001.

Professional Activities

Committee Work at European University Cyprus

Member, European University Cyprus Senate, 2008 – 2010.

Member, School Council, 2007 – Present.

Member, Ad-hoc Hiring Committee, 2007.

Committee Work at Cyprus College

Member, Hiring Committee, 2004 – 2007

Member, Research Committee, 2003 - 2007

Member, Cyprus College Committee for Students with Special Needs, 2005 - 2006

Professional Affiliations

ACM Professional Member since 2007

SIGCHI Member since 2003

Cognitive Science Society Member since 2006

Teaching and Advising

(* designates courses both taught and designed)

At European University Cyprus

CSC 190 – Computer Fundamentals and Applications

CSC 205 – Data Structures and Algorithms

CSC 323 – Programming Languages

CSC 326 – Programming in Unix-like Environments *

INS 604 – Human Computer Interaction (Graduate Level Course) *

At Cyprus College (taught)

CSA 280 – Spreadsheet Applications

CSA 290 – Database Applications

CST 140 – Operating Systems I

CST 103 – The C Programming Language

CSC 190 – Computer Fundamentals and Applications

CSC 205 – Data Structures and Algorithms

CSC 314 – Switching Theory

CSC 323 – Programming Languages

CSC 326 – Programming in Unix-like Environments *

CSC 341 – Human Computer Interaction

CIM 504 – Usability Requirements

At Tufts University (teaching assistant)

COMP 0011 – Introduction to Computer Science

COMP 0115 – Database Applications

COMP 0170 – Human Computer Interaction

At Carnegie Mellon University (teaching assistant)

85-100 – Introduction to Intelligence in Humans, Animals and Machines

Current Ph.D. Students

Committee Member for Adamides George, Ph.D. Candidate, Open University Cyprus

Current Undergraduate Students

Shiatis, Marios (Computer Science, Senior Thesis, B.S., 2010)

Antoniades, Constantinos (Computer Science, Senior Thesis, B.S., 2010)

Koulermos, Kostas (Computer Science, Senior Thesis, B.S., 2009)

Previous Students

Ioannou, Michael (Computer Science, Senior Thesis, B.S., 2008)

Katsantonis Antreas (Computer Science, Senior Thesis, B.S., 2009)

Manoli, Annie (Computer Science, Senior Thesis, B.S., 2007)

Petrou, Petros (Computer Science Senior Thesis, B.S., 2007)

Duan, Bin (Computer Science, Senior Thesis, B.S., 2007)

Georgiades, George (Computer Science, Senior Thesis, B.S., 2007)

Georgiou, Pantelitsa (Computer Science Senior Thesis, B.S., 2006)

D'Costa, Ian (Computer Science Senior Thesis, B.S., 2005)

Kameri, Androniki (Computer Science Senior Thesis, B.S., 2005)

Koullapi, Despina (Computer Science Senior Thesis, B.S., 2005)

Nadjarian, Benjamin (Computer Science Senior Thesis, B.S., 2005)

Vinall, Richard (Computer Science Senior Thesis, B.S., 2005)