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Thomas Mavrofidis - blacktom@aegean.gr

Doctor of Philosophy, Computer Science & Systems Theory, University of the Aegean, Mytilene, Greece, 2005-2009 (supervisor: Professor Dimitris Papageorgiou)

Thesis title: *Digital city - A methodology for requirements specification engineering*

Bachelor of Science, Computer Science, Hellenic Open University, Patras, Greece 2001-2004

Research Interests / Research Profile

My research interests focus mainly on the emergent phenomena due to the interaction between social systems and the Information & Computer Technology (ICT) networks. I follow a systems-theoretical methodology, based on the theoretical framework articulated by Niklas Luhmann. My primary interest is targeted at the ways the underlying society-reconstituting (i.e. autopoietic) processes are transformed by the proliferation of the ICT networks, changing the expectations of the social systems and their worldviews. Currently, I am trying to inspect the role of the ICT systems in the current economic crisis and the way the latter is turned into a political crisis. I am also investigating the emerging processes that include or exclude an area from the global network in correlation with the ICT expansion.

Publications, Presentations, Chapters in books

(Due to an older way of spelling my name in English, I am referred to in all papers as Mavrofides)

Books

1. Mavrofides T., (2018), *Society and System: An Introduction to Contemporary Systems Theory*, Patakis: Athens

Papers in peer-reviewed journals

2. Mavrofides T., (2020), *A society without limits confronts its limits*, *Metalogos* issue 37.
3. Papageorgiou D. Mavrofides T., Koufopoulou S., (2017), *Histories of Rivalry: Communicative Models Expressing and Defining Fans' Attitudes*, *The International Journal of Sport and Society* 8(1): 1-15
4. Mavrofides T., (2015) "So, What Do You Think About Luhmann's Ontology?". *Constructivist Foundations* 10(2): 211–212 (invited paper)
5. Mavrofides Th., Papageorgiou D., Papadopoulos Th., (2014), *ICT and Systemic Time Squeeze: the uncoordinated temporalities of globalization*, *Time & Society*, March 2014 vol. 23 no. 1 69-96, SAGE
6. Mavrofides, T, Papageorgiou, D, (2013), *The Expansion of ICT: A New Framework of Inclusion and Exclusion from the Global Realm*, *International Journal of Criminology and Sociological Theory*, Vol. 6, No. 1, January 2013, 1071-1078
7. Mavrofides, T., Kameas, A., Papageorgiou, D. and Los, A. (2011), *On the Entropy of Social Systems: A Revision of the Concepts of Entropy and Energy in the Social Context*, *Systems Research & Behavioral Science*, 28: 353–368. doi: 10.1002/sres.1084
8. Tsekouras G.E., Kalloniatis C., Kavakli E., and Mavrofides T., (2004), *A Fuzzy Clustering-Based Algorithm for Fuzzy Modeling*, *WSEAS Transactions on Systems*, Vol. 3, Issue 5., pp. 1958-1963, 2004
9. Tsekouras G.E., Kalloniatis C., and Mavrofides T., (2004), *Fuzzy Modeling via Optimal Fuzzy Clustering*, *WSEAS Transactions on Systems*, Vol. 3, Issue 5, pp. 1977-1982, 2004

Papers in peer-reviewed conferences

10. Mavrofides T., (2019), *The Change of the Change*, *Systemic Therapy: What is Changing – What Remains the Same*, Hellenic Federation of Systemic Therapy Associations & The Hellenic Systemic Thinking and Family Therapy Association, Athens, Greece
11. Mavrofides T., (2018), *Contemporary Society & Technology: Structural Couplings*, The 10th Beyond Humanism Conference – Cultures of the Posthuman, 18-21 July 2018, University of Lower Silesia, Faculty of Social Sciences, Wroclaw, Poland

12. Mavrofides T., Papageorgiou D., (2014), *ICT and Local Development in Globalization*, XVIII ISA World Congress of Sociology (July 13-19, 2014), Yokohama, Japan
13. Papageorgiou, D., Mavrofides, T., (2011), *Soccer and Organized Fan-Clubs: Violence as a Communication System*, Conference On Sports, Social Practices and Fan Clubs in Greece, Athens, Panteion University, May 27-28, 2011
14. Mavrofides, T., (2011), *The meaning of the Border and the Border of the Meaning*, First EastBordNet Conference "Remaking Borders", Catania, Sicily, 20-22 January 2011
15. Mavrofides, T.(2010), *From Humans to Persons: Niklas Luhmann's Posthumanism*, Audiovisual Posthumanism Conference: Aesthetics, Cultural Theory and the Arts, Mytilene, 23-27 September 2010
16. Mavrofides, T., Papageorgiou, D., Kameas, A, (2010), *Science as a second-order observer: proposing a Reference Influence Factor*, 14th World Multiconference on Systemics, Cybernetics and Informatics (WMSCI 2010),Orlando, USA, June 29th to July 2nd, 2010, conference proceedings, vol. III, 186-191.
17. Mavrofides, T., Papageorgiou, D., (2010), *The expansion of ICT: a new framework of inclusion and exclusion from the global realm*, 6th National & International HSSS Conference , "Systemic Approaches in Social Structures", 23rd - 26th June, 2010, Mytilene, Greece
18. Papageorgiou, D., Mavrofides, T., (2010), *Greece and Cultural Policies*, International Conference on Cultural Policies, May 21-24, Chios, Greece
19. Mavrofides, T., Papageorgiou, D., (2009), *Regional participation in the global network: exclusion and integration as a result of the utilization of ICTs*, 2nd Greek-Russian Social & Scientific Forum, St Petersburg, Russia, June 14-18, 2009
20. Papageorgiou, D., Mavrofides, T., (2006), *Cultural Representation and new technologies: problems and perspectives*, Cultural Convergence and New Technologies Conference, Athens, Greece, 2006
21. Pehlivanides, G., Mavrofides, T., Papageorgiou, D., (2006), *Investigating Alternative ways of Interacting with Cultural Content: From Graphical User Interface to Customizable User Interface Design*, 4th International Symposium of Interactive Media Design, Istanbul, Turkey, 2006

22. Tsekouras, G.E., Kalloniatis, C., Mavrofides, T., (2004), *Fuzzy Modeling via Optimal Fuzzy Clustering*, WSEAS International Conference on Systems, Athens, 2004
23. Tsekouras, G.E., Kalloniatis, C., Kavakli, E., Mavrofides, T., (2004), *A Fuzzy Clustering-Based Algorithm for Fuzzy Modeling*, WSEAS International Conference on Systems, Athens, 2004

Chapters in Books

24. Mavrofides Thomas, (2017), *From Humans to Persons: Niklas Luhmann's Posthumanism*, in Sampanikou Evi (ed), *Audiovisual Posthumanism*, pp: 64-74, Cambridge Scholars Publishing: Newcastle upon Tyne, UK.
25. Παπαγεωργίου Δ., Μαυροφίδης Θ., Λως Α., (2016), *Οι λαϊκές πολιτισμικές πρακτικές ως ψηφιακές αναπαραστάσεις: Μια συστημική προσέγγιση*, στο: Αυδίκος Ευάγ. (ed.), *Πολιτισμοί του Διαδικτύου*, σελ. 73-99. Αθήνα: πεδίο
26. Papageorgiou, D., Mavrofides, T., (2015), *Modern Soccer and Fun Clubs Organizations: Communication Systems and Versions of Violence*, in *Society and sports in Greece*, Zaimakis J., Fournaraki e. (eds), pp. 487-525, Athens: Alexandraia
27. Papageorgiou, D., Chatzigeorgiou, T., Mavrofides, T., (2011), *"Liquid" Borders as practices: The case of the Greek island of Lesbos (19th-21st centuries)*, in: Dascalopoulou S., Aligisakis M. (eds.), *La question intercultural*, pp. 197-219, Université de Genève
28. Mavrofides, T., (2006), *Cultural Representation from the viewpoint of Computer Science*, in *Cultural Representation*, Papageorgiou D. (ed), Kritiki Editions, Athens.

Research Experience

1. *Digital Chart of the traditional occupations in the North Aegean Sea (2008)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesbos – Greece, 2008
 - Project description: A project to develop an online Content Management System (CMS) to facilitate researchers who may be interested in the traditional occupations in the North Aegean Sea
 - Position: Head Software Engineer

2. *Development of an online repository for the 'Agiastos Read-Room' (2006)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesvos – Greece, 2006
 - Project description: A project to develop an online Content Management System (CMS) to facilitate researchers who may be interested in the activities of the one-century old Cultural Association of the town of Agiastos, Lesvos
 - Position: Head Software Engineer

3. *Development of an online repository of the traditional music in the North Aegean Sea (2007)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesvos – Greece, 2007
 - Project description: A project to develop an online Content Management System (CMS) to facilitate researchers who may be interested in the traditional music of N. Aegean Sea
 - Position: Head Software Engineer – assistant researcher

4. *The traditional Hamlet of Anavatos (2004)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesvos – Greece, 2004
 - Project description: A project to present the hamlet of Anavatos-Chios, designing and developing innovative software
 - Position: Head Software Engineer – field researcher

5. *NAIAS (North Aegean Innovation Actions and Support) (2000)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesvos – Greece, 2000
 - Project description: A project to support the private sector in the Aegean sea, in order to undertake innovative actions (2000)
 - Position: Head Software Engineer

6. *ALAS (All About Salt)(2002-2004)*
 - Dept. of Cultural Technology & Communication, University of the Aegean, Mytilene, Lesvos – Greece 2002
 - Project description: A research project on the traditional Salinas in the Mediterranean
 - Position: Head Software Engineer

7. *Musical Crossroads in the Aegean Sea (1998)*

- Dept. of Social Anthropology, University of the Aegean, Mytilene, Lesvos – Greece, 1998
- Project description: A research on the practices and the sub-cultures of the musicians in the Aegean Sea, during the late 19th century, until the 1970s. (1997-1998)
- Position: Software Programmer

Teaching Experience

Adjunct Lecturer: *Interactive design – Postgraduate Course*, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Fall 2012

- *Designing and developing interactive systems; introduction to the concepts of event-driven programming in conjunction with the basic principles of constructivism.*

Adjunct Lecturer: *Multimedia Technologies – Postgraduate Course*, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Spring 2013

- *Designing and developing interactive on line systems; introduction to database designing, middle tiers, and development of innovative content management systems.*

Adjunct Lecturer: *City and Environment – applied and Clinical Sociology - Postgraduate Course*, Dpt of Sociology, University of the Aegean, Mytilene, Spring 2010, 2011

- *An introduction to the basic concepts of systemic sociology; the city as a system; the city as an artifact; urbanization; globalization as a system of cities (2 lectures).*

Teaching Assistant: *Interactive design – Postgraduate Course*, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Fall 2005 - 2011

- *Designing and developing interactive systems; introduction to the concepts of event-driven programming in conjunction with the basic principles of constructivism.*

Teaching Assistant: *Multimedia Technologies – Postgraduate Course*, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Fall 2005 - 2011

- *Designing and developing interactive on line systems; introduction to database designing, middle tiers, and development of innovative content management systems.*

Teaching Assistant: *Multimedia Applications 1 – Undergraduate Course, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Fall 2001 - 2011*

- *Designing and developing interactive systems; introduction to the concepts of event-driven programming; introduction to the basic concepts of systems theory*

Teaching Assistant: *Multimedia Applications 2 – Undergraduate Course, Dpt of Cultural Technology & Communication, University of the Aegean, Mytilene, Spring 2002 - 2012*

- *Designing and developing interactive systems; software designing patterns; elaboration on systems theory and systemic epistemology*

Teaching Expertise

- *Systems theory*
- *Systemic sociology*
- *Urban Sociology*
- *Interactive applications designing and developing*
- *Software Engineering*

Community Involvement / Administrative Activity

- *Hellenic Informatics Union (HUI). Member of the Board of Directors (2006-2009).*
- *Hellenic Informatics Union (HUI). Chairman of the Board of Directors (2009-2012).*

References

- Professor Helmut Willke, Lehrstuhl für Global Governance, Zeppelin University, helmut.willke@zu.de
- Assoc. Professor Dimitris Papageorgiou, Dpt. of Cultural Technology & Communication, University of the Aegean, d.papageorgiou@ct.aegean.gr
- Assist. Professor Achilles Kameas, Dpt. of Computer Science, Hellenic Open University, kameas@cti.gr
- Professor Dimitris Gritzalis, Dpt. of Computer Science, Economic University of Athens, dgrit@aueb.gr