

SHORT CURRICULUM VITAE

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Academic qualifications

- 1997 - 2000** **PhD in Signal Processing**, Department of Electrical and Electronic Engineering, Imperial College London. Thesis title: “*Blind System Equalisation and Identification Using Novel Optimisation Techniques*”.
- 1991 - 1997** **Diploma of Mechanical Engineering**, National Technical University of Athens.
- 2003 - 2004** One year open course in “**Distance Learning**”, Hellenic Open University

Current Positions

October 2004 – August 2012

Lecturer (P.D.407), Department of Product and System Design, University of Aegean

October 2008-July 2012

Vice Coordinator in the field of Quantitative Methods, Hellenic Open University.

October 2003 – July 2012

Tutor in the field of Quantitative Methods, Hellenic Open University. The field of Quantitative Methods consists of the sub-fields of Mathematics, Statistics and Operational Research.

June 2001 –

Independent work as a Mechanical Engineering Consultant

Previous Positions

March 2003 - February 2006

Lecturer (P.D.407), Department of Business Administration, University of Patras.

03/01-03/03 **Research Engineer**, Ellemedia Technologies Ltd, Greece.

04/02-12/02 **Research Associate, Laboratory of Marine Engineering, National Technical University of Athens.**

07/97 – 11/99 **Research Associate, Department of Electrical and Electronic Engineering, Imperial College London.**

Taught Courses

Undergraduate

- *Operational Research/Management, Department of Product and System Design (DPSD), University of Aegean (2004-to date).*
- *Project Management, DPSD, University of Aegean (academic years 2004-2009).*
- *Design of Industrial Systems, DPSD, University of Aegean (2004-to date).*
- *Strategic Planning, DPSD, University of Aegean (2004-2007).*
- *Production Design, DPSD, University of Aegean (2009-2012).*
- *Design Management, DPSD, University of Aegean (2007-to date).*
- *Introduction to Marketing and Marketing Models, DPSD, University of Aegean (2005-2006).*
- *Introduction to Marketing, DPSD, University of Aegean (2009-to date).*
- *Vehicle Design, DPSD, University of Aegean (2004-2005, 2006-2009).*
- *Production Management I, Department of Business Administration, University of Patras (2002-2005).*
- *Production Management II, Department of Business Administration, University of Patras (2003-2006).*

Postgraduate

- *Design Management, DPSD, University of Aegean, (2004-2006, 2007-2010).*

Student Supervision

Undergraduate final semester projects

- Batzios Panagiotis, *Low height tracker system design for photovoltaic system, DPSD, University of Aegean, February 2011.*
- Zisimopoulou Irene-Theano, *Reduction of marine exhaust emission through optimized fleet management, DPSD, University of Aegean, October 2011.*
- Anastasiadou Stiliani, *Optimization Algorithms for production planning, DPSD, University of Aegean, October 2011.*

- Ntemiri Elisavet, *Performance criteria for production planning algorithms*, DPSD, University of Aegean, October 2008.
- Goutzamanis Konstantinos, *Photovoltaic systems penetration in Greece. Comparison of photovoltaic systems with other renewable energy systems*, DPSD, University of Aegean, June 2008.
- Anifantaki Aspasia, *Design and management of quality control departments for chemical industry*, University of Aegean, May 2007.
- Makropoulou Maria, *Job re-design. Case study at "Johnson & Johnson Hellas"*, DPSD, University of Aegean, October 2006.
- Kapnoulas Georgios, *Stock management methods*, Department of Business Administration, University of Patras, June 2004.
- Chantzopoulou Sofia, *Industrial Production Triggering*, Department of Business Administration, University of Patras, June 2004.

Postgraduate final semester projects

- Crisochoidis Miltiadis, *Human based design of Car Adaptive Cruise Control and Collision Avoidance Systems*, DPSD, University of Aegean, February 2011.

Publications

1. G. Stathakis, G. Kaisarlis, "*A novel optimization approach to tolerance design for mechanical components*", International Journal of Computer Applications in Technology (submitted).
2. Georgios Stathakis, Anthony Constantinides, Tania Stathaki, "Blind signal recovery using a novel system identification approach", *DSP2002*, July 2002, Santorini, Greece.
3. Georgios Stathakis, Tania Stathaki, "*Two dimensional Volterra signal modelling using a zero tolerance optimisation formulation*", *Proc. of the Euroimage 2001*, June 2001, Greece.
4. Georgios Stathakis, Tania Stathaki, "*Two dimensional Volterra parameter estimation using a zero tolerance optimisation formulation*", *Proc. of the 2000 International Conference on Image Processing*, September 10-13, Vancouver, BC, Canada.
5. Georgios Stathakis, Tania Stathaki, Anthony Constantinides, "*Volterra parameter estimation using a novel zero tolerance optimisation formulation*", *Proc. of EUSIPCO 2000, European Conference on Signal Processing*, 5-8 Sept. 2000, Tampere, Finland.
6. Tania Stathaki, Anthony Constantinides, Georgios Stathakis, "*Minimum phase FIR filter design from linear phase systems using root moments*", *Proc. of the IEEE ICASSP 98*, Seattle, USA.

Languages

- Greek

- English